



# PUBLIC HEALTH REPORTS.

---

Published in accordance with act of Congress approved  
February 15, 1893.

---

VOL. XVII.

AUGUST 8, 1902.

NO. 32.

---

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1902.

**NOTICE.**

Any person on the mailing list of the **PUBLIC HEALTH REPORTS**, who at any time, fails to receive promptly this publication will confer a favor by notifying the Surgeon General of the Public Health and Marine-Hospital Service.

## CONTENTS.

### UNITED STATES.

	Page.
Miraflores Island, P. R., placed by the President under the control of the Public Health and Marine-Hospital Service.....	1815
Arrival at Reedy Island Quarantine of vessels from West Indian ports.....	1815
Arrival at Baltimore of vessels from West Indian and South American ports.....	1815
Inspection service at Eastport, Me.....	1816
Reports from the Mexican border—	
El Paso, Tex.; inspection service.....	1816
Laredo, Tex.; inspection service.....	1816
Statistical reports of States and cities of the United States; yearly and monthly...	1817
Reports of inspection of immigrants.....	1817
Table—	
Quarantine reports.....	1820
Smallpox in the United States.....	1826
Plague in the United States.....	1832
Weekly mortality of cities of the United States.....	1833
Temperature and rainfall.....	1835

### FOREIGN AND INSULAR.

Barbados; cases of smallpox; quarantine information .....	1837
Brazil; report from Bahia .....	1837
British Honduras—	
Report from Belize; fruit port; equipment of station and method of inspection .....	1837
Weekly report of conditions and transactions.....	1838
Canada; inspection of immigrants at Quebec for the week ended July 26, 1902...	1838
China—	
A death from cholera at Peking; imported .....	1839
Further report concerning experiments in the treatment of leprosy .....	1839
Dengue epidemic in Canton.....	1842
Costa Rica; weekly report of conditions and transactions at Port Limon; fruit port..	1842
Cuba—	
Report from Matanzas.....	1843
Report from Santiago de Cuba .....	1843
England; report from Liverpool.....	1844
Germany—	
Plague and cholera in various countries; plague in Formosa from 1896 to 1901..	1845
Health of Berlin .....	1845
Guatemala—	
Weekly report of conditions and transactions at Livingston; fruit port.....	1846
Reports from Puerto Barrios; fruit port.....	1846
Hawaiian Islands; a death from plague at Honolulu .....	1846
Honduras—	
Weekly report of conditions and transactions at La Ceiba; fruit port.....	1847
Weekly report of conditions and transactions at Puerto Cortez; fruit port.....	1847
Italy; report from Naples .....	1847
Japan; report from Yokohama; cholera reports.....	1848
Java; cholera in Batavia.....	1849
Mexico—	
Reports from Vera Cruz; supposed second attack of yellow fever.....	1849
Reports from Tampico.....	1850
Case of yellow fever on steamship Il Piemonte from Vera Cruz.....	1851

	Page.
Nicaragua ; weekly report of conditions and transactions at Bluefields ; fruit port..	1852
Porto Rico—	
Report from San Juan.....	1852
Inspection of immigrants at Ponce.....	1853
Inspection of immigrants at San Juan and subports .....	1853
Russia ; two cases of plague in Odessa .....	1854
Foreign and insular statistical reports of countries and cities ; yearly and monthly..	1855
Cholera, yellow fever, plague, and smallpox table.....	1857
Weekly mortality table, foreign and insular cities.....	1861



## PUBLIC HEALTH REPORTS.

### UNITED STATES.

*Miraflores Island, P. R., placed by the President under the control of the Public Health and Marine-Hospital Service.*

WHITE HOUSE, Washington, D. C., July 22, 1902.

By virtue of the authority vested in me by the Act of Congress approved July 1, 1902, entitled, "An Act authorizing the President to reserve public lands and buildings in the island of Porto Rico for public uses and granting other public lands and buildings to the government of Porto Rico, and for other purposes." Miraflores Island, in the harbor of San Juan, P. R., is hereby reserved for use as a quarantine station or a site for a marine hospital or for both said purposes, under the control of the Public Health and Marine Hospital Service of the United States.

THEODORE ROOSEVELT.

[Reports to the Surgeon-General Public Health and Marine-Hospital Service.]

*Arrival at Reedy Island Quarantine of vessels from West Indian ports.*

REEDY ISLAND QUARANTINE,  
via Port Penn, Del., July 27, 1902.

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station of the following vessels:

July 20, steamship *Taff*, from Banes, with fruit; 2 passengers; Cuban bill of health. July 23, steamship *Otta*, from Matanzas, with sugar; no passengers; bill of health signed by Assistant Surgeon von Ezdorf. July 26, steamship *Kennett*, from Matanzas, with sugar; no passengers; bill of health signed by Assistant Surgeon von Ezdorf.

Respectfully,

T. F. RICHARDSON,  
Assistant Surgeon, In Command.

*Arrival at Baltimore of vessels from West Indian and South American ports.*

BALTIMORE, MD., August 2, 1902.

SIR: I have to report the arrival of the following vessels at this port for the week ended this day:

Norwegian steamship *Fulton*, from Baracoa, Cuba, with fruit; British steamship *Lincluden*, from Daiquiri, Cuba, with ore; British steamship *Alabama*, from Daiquiri, Cuba, with ore; American schooner *W. H. Dix*, from San Andres, Col., with fruit.

Respectfully,

WM. F. STONE, Collector.

*Inspection service at Eastport, Me.*

EASTPORT, ME., July 31, 1902.

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, July 31, 1902:

*Vessels inspected.*

Date.	Vessel.	From—	For—	Crew.	Passengers.	
					For East-port.	In trans-it.
July 25	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	33	.....
Do....	Ss. Viking.....	St. Stephen, New Brunswick.	.....do.....	6	12	.....
Do....	Ss. State of Maine.....	St. John, New Brunswick.	Portland and Boston.....	67	21	90
Do....	Ss. Aurora.....	.....do.....	Eastport and Grand Manan, New Brunswick.	8	1	3
Do....	H. M. S. Constance ..	Halifax, Nova Scotia.	Eastport.....	19	.....	.....
Do....	Steam Yacht Thetis..	Boston .....	.....do.....	8	8	.....
Do....	Ss. St. Croix .....	St. John, New Brunswick.	.....do.....	70	.....	.....
Do....	Ss. Orizambo.....	Calais, Me.....	.....do.....	5	.....	.....
July 26	Ss. H. F. Eaton.....	.....do.....	.....do.....	10	30	.....
Do....	Ss. Penobscot.....	Boston and Portland.	St. John, New Brunswick.	80	55	60
Do....	H. M. I. Curlew .....	St. John, New Brunswick.	Eastport.....	20	.....	.....
Do....	Ss. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	1	8
July 28	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	50	.....
Do....	Ss. Penobscot.....	St. John, New Brunswick.	Portland and Boston.....	80	21	60
July 29	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	30	.....
Do....	Ss. Aurora.....	St. Andrews, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	10	15
Do....	Ss. State of Maine.....	Boston and Portland.	St. John, New Brunswick.	67	92	100
July 30	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	42	.....
Do....	Ss. State of Maine.....	St. John, New Brunswick.	Portland and Boston .....	67	55	80
July 31	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	30	.....
Do....	Ss. Penobscot.....	Boston and Portland.	St. John, New Brunswick..	80	32	75

Respectfully,

EDWARD M. SMALL,  
*Acting Assistant Surgeon.*

## REPORTS FROM THE MEXICAN BORDER.

*El Paso, Tex., July 26, 1902—Inspection service.*—I have the honor to transmit herewith summary of transactions at this station for the week week ended July 26, 1902. Inspection of Mexican Central Railroad passengers, 203; inspection of Rio Grande and Pacific Railroad passengers, 17; special inspection of passengers from San Luis Potosi, 5; inspection of immigrants, 198; disinfection of soiled linen imported for laundry, 471 pieces; disinfection of cattle hides, 453; vaccination of immigrants and their children, 8.

E. ALEXANDER,  
*Acting Assistant Surgeon.*

*Laredo, Tex., July 27—Inspection service.*—I have the honor to submit the following inspection report for week ended July 26, 1902: Number of passenger trains from Mexico inspected, 14; persons on trains from Mexico inspected, 622; immigrants inspected and passed, 32; immigrants vaccinated upon entry, 11. One insane female immigrant refused entry. One deaf and dumb female immigrant refused entry.

H. J. HAMILTON,  
*Acting Assistant Surgeon.*

*Statistical reports of States and cities of the United States—Yearly and monthly.*

CALIFORNIA—*San Diego*.—Month of June, 1902. Estimated population, 20,000. Total number of deaths, 10, including 2 from phthisis pulmonalis.

COLORADO—*Denver*.—Month of May, 1902. Estimated population, 150,000. Total number of deaths, 196, including diphtheria, 1; enteric fever, 1; measles, 3; scarlet fever, 1; whooping cough, 4, and 47 from tuberculosis.

Month of June, 1902. Total number of deaths, 223, including diphtheria, 1; enteric fever, 5; measles, 7; scarlet fever, 1; whooping cough, 3, and 52 from tuberculosis.

KANSAS—*Wichita*.—Two weeks ended July 26, 1902. Estimated population, 28,163. Total number of deaths, 16, including whooping cough, 1, and 2 from tuberculosis.

MAINE—*Biddeford*.—Month of May, 1902. Estimated population, 17,000. Total number of deaths, 24. No deaths from contagious diseases reported.

Month of June, 1902. Total number of deaths, 21. No deaths from contagious diseases reported.

NEW JERSEY—*Hudson County*.—Month of May, 1902. Estimated population, 409,810. Total number of deaths, 614, including diphtheria, 12; enteric fever, 5; measles, 5; scarlet fever, 14; whooping cough, 7; smallpox, 35, and 64 from phthisis pulmonalis.

*Passaic*.—Two weeks ended July 26, 1902. Census population, 27,777. Total number of deaths, 29. No deaths from contagious diseases.

PENNSYLVANIA—*Pottsville*.—Month of July, 1902. Estimated population, 15,710. Total number of deaths, 15. No deaths from contagious diseases.

TENNESSEE—*Memphis*.—Month of June, 1902. Estimated population, 110,000—white, 61,000; colored, 49,000. Total number of deaths, 177—white, 75; colored, 102—including diphtheria, 2; enteric fever, 5; scarlet fever, 1; whooping cough, 1, and 31 from tuberculosis.

TEXAS—*San Antonio*.—Month of June, 1902. Estimated population, 63,000. Total number of deaths, 149, including enteric fever, 10, and 30 from tuberculosis, of which 19 were of nonresidents.

WISCONSIN—*Milwaukee*.—Month of June, 1902. Estimated population, 300,000. Total number of deaths, 294, including diphtheria, 5; enteric fever, 1; measles, 9; scarlet fever, 2; whooping cough, 4, and 31 from tuberculosis.

*Inspection of immigrants at Baltimore for the week ended August 2, 1902.*

## OFFICE OF U. S. COMMISSIONER OF IMMIGRATION.

*Port of Baltimore, Md., August 2, 1902.*

Number of alien immigrants who arrived at this port during the week ended August 2, 1902; also names of vessels and ports from which they

came. July 28, steamship *Brookline*, from Port Antonio, with 1 immigrant. July 30, steamship *Hanover*, from Bremen, with 431 immigrants. Total, 432.

LOUIS T. WEIS, *Commissioner*.

*Report of immigration at Boston for the week ended July 26, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, July 26, 1902.*

*Number of alien immigrants who arrived at this port during the week ended July 26, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
July 20	Steamship Boston .....	Yarmouth, Nova Scotia.....	90
Do....	Schooner Neva.....	Bear River, Nova Scotia.....	1
Do....	Steamship Merion.....	Liverpool, England.....	261
July 21	Steamship Cambrian.....	London, England.....	1
Do....	Steamship Halifax.....	Halifax, Nova Scotia.....	49
Do....	Steamship Admiral Schley.....	Kingston, Jamaica.....	8
July 22	Steamship Prince Arthur.....	Yarmouth, Nova Scotia.....	25
Do....	Steamship Prince George.....	do.....	10
Do....	Steamship Devonian.....	Liverpool, England.....	1
July 23	Steamship Boston.....	Yarmouth, Nova Scotia.....	17
Do....	Steamship Toronto.....	Hull, England.....	1
July 24	Steamship Prince Arthur.....	Yarmouth, Nova Scotia.....	8
Do....	Steamship Prince George.....	do.....	26
Do....	Steamship Olivette.....	Halifax, Nova Scotia.....	44
July 25	Steamship Boston.....	Yarmouth, Nova Scotia.....	30
Do....	Steamship New England.....	Liverpool, England.....	851
July 26	Steamship Prince George.....	Yarmouth, Nova Scotia.....	30
Total.....			1,453

GEORGE B. BILLINGS, *Commissioner*.

*Report of immigration at New York for the week ended July 26, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, July 28, 1902.*

*Number of alien immigrants who arrived at this port during the week ended July 26, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
July 20	Steamship Nordam .....	Rotterdam .....	652
Do....	Steamship Umbria.....	Liverpool and Queenstown.....	220
July 21	Steamship Barcelona.....	Hamburg .....	140
Do....	Steamship Columbia.....	Glasgow .....	309
Do....	Steamship St. Louis.....	Southampton .....	342
July 22	Steamship Bluecher.....	Hamburg .....	539
Do....	Steamship Friedrich der Grosse.....	Bremen .....	337
Do....	Steamship Kronprinz Wilhelm.....	do.....	633
Do....	Steamship Gallia.....	Naples.....	408
Do....	Steamship Kronland.....	Antwerp .....	851
Do....	Steamship Tennyson.....	Rio de Janeiro.....	103
Do....	Steamship Spartan Prince.....	Naples.....	954
July 23	Steamship Lombardia.....	do.....	662
July 24	Steamship Carthaginian.....	Glasgow.....	34
Do....	Steamship Majestic.....	Liverpool and Queenstown.....	283
July 25	Steamship Calabria.....	Naples.....	626
July 26	Steamship Lucania.....	Liverpool and Queenstown.....	459
Do....	Steamship Columbia.....	Hamburg .....	287
Total.....			7,839

WM. WILLIAMS, *Commissioner*.

*Report of immigration at Philadelphia for the week ended July 26, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, July 26, 1902.*

Number of alien immigrants who arrived at this port during the week ended July 26, 1902; also names of vessels and ports from which they came. July 21, 1902, steamship *Rhyndland*, from Liverpool and Queens-town, with 211 immigrants.

JAS. L. HUGHES,  
*Acting Commissioner.*

*Weekly report of inspection of persons and things at Eagle Pass, Tex., for the week ended July 26, 1902.*

Date.	Number of persons.	Sanitary condition.	Condition of—		Where from.	Destination.
			Baggage.	Merchandise.		
July 20.....	40	Good .....	Good .....	Good .....	Various points in Mexico.	Various points in United States.
July 21.....	29	.....do.....	.....do.....	.....do.....	.....do.....	Do.
July 22.....	38	.....do.....	.....do.....	.....do.....	.....do.....	Do.
July 23.....	42	.....do.....	.....do.....	.....do.....	.....do.....	Do.
July 24.....	27	.....do.....	.....do.....	.....do.....	.....do.....	Do.
July 25.....	52	.....do.....	.....do.....	.....do.....	.....do.....	Do.
July 26.....	45	.....do.....	.....do.....	.....do.....	.....do.....	Do.

Disinfected 4 trunks twenty days from Vera Cruz.

LEA HUME,  
*Acting Assistant Surgeon.*

*Report of immigrants inspected at the port of New Orleans, La., during the month of July, 1902.*

Total number of immigrants inspected, 34; number passed, 34.

C. P. WERTENBAKER,  
*Passed Assistant Surgeon, Commanding Station.*

*Report of immigrants inspected at the Mississippi River Quarantine Station during the month of July, 1902.*

Total number of immigrants inspected, 47; number passed, 47.

JNO. N. THOMAS,  
*Acting Assistant Surgeon.*

*Statement of the number of immigrants examined at the port of Providence, during the fiscal year ended June 30, 1902.*

PROVIDENCE, R. I., July 1, 1902.

Total number of immigrants inspected, 130; number passed, 130.

B. J. BROWN, JR.,  
*Acting Assistant Surgeon.*

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
<b>UNITED STATES:</b>					
1	Alexandria, Va.....	Aug. 2	.....	.....	.....
2	Apalachicola, Fla.....	do.....	.....	.....	.....
3	Beaufort, N. C.....	do.....	.....	.....	.....
4	Biscayne Bay, Fla.....	July 26	.....	.....	.....
	Boca Grande, Fla.:				
5	Punta Gorda.....	do.....	.....	.....	.....
6	Punta Rassa.....	do.....	.....	.....	.....
7	Brunswick, Ga.....	do.....	Sp. bk. San José.....	July 20	Havana.....
			Sp. bk. Havana.....	July 21	do.....
			Sp. bk. Lorenzo.....	do.....	Rio Grande do Sul
8	Cape Charles, Va.....	do.....	.....	.....	.....
		Aug. 2	Br. ss. Dorisbrook.....	Aug. 1	Tampico.....
9	Cape Fear, N. C.....	July 26	.....	.....	.....
10	Cedar Key, Fla.....	Aug. 2	.....	.....	.....
11	Columbia River, Oreg.....	July 19	.....	.....	.....
		July 26	.....	.....	.....
12	Cumberland Sound, Fla.....	do.....	.....	.....	.....
13	Delaware Breakwater	do.....	.....	.....	.....
	Quarantine, Lewes, Del.				
14	Durch Harbor, Alaska.....	July 5	.....	.....	.....
		July 12	.....	.....	.....
		July 19	.....	.....	.....
15	Eureka, Cal.....	do.....	.....	.....	.....
		July 26	.....	.....	.....
16	Grays Harbor, Wash.....	do.....	.....	.....	.....
17	Gulf Quarantine, Ship	do.....	Schr. Susie D. Dantzler.....	July 16	Vera Cruz.....
	Island, Miss.		Sc. Eleanor.....	July 17	do.....
			Sc. Arona.....	July 19	Cienfuegos.....
			Sc. Lillie.....	July 20	do.....
			Sc. Gertrude A. Bartlett.	July 22	Progreso.....
18	Key West, Fla.....	do.....	Am. sc. Dr. Lykes.....	July 20	Cardenas.....
19	Los Angeles, Cal.....	do.....	.....	.....	.....
20	Newbern, N. C.....	Aug. 2	.....	.....	.....
21	Nome, Alaska.....	June 21	Am. ss. Senator.....	June 11	Seattle.....
		June 28	do.....	do.....	do.....
		July 5	.....	.....	.....
22	Pascagoula, Miss.....	July 12	U. S. S. Bear.....	June 12	Siberian cruise.....
		July 26	.....	.....	.....
23	Port Angeles, Wash.....	July 12	.....	.....	.....
24	Portland, Me.....	July 26	.....	.....	.....
25	Port Townsend, Wash.....	do.....	.....	.....	.....
26	Reedy Island, Del.....	do.....	Nor. ss. Otta.....	July 23	Matanzas.....
	St. Georges Sound, Fla.:				
27	East Pass.....	July 24	.....	.....	.....
		Aug. 1	.....	.....	.....
28	West Pass.....	July 27	.....	.....	.....
29	St. Johns River, Fla.....	July 26	.....	.....	.....
30	San Diego, Cal.....	do.....	.....	.....	.....
31	San Francisco, Cal.....	do.....	Am. ss. City of Puebla.....	July 21	Victoria.....
			Br. bk. Eulomene.....	July 24	Newcastle, New South Wales.
			Am. ss. Queen.....	July 26	Victoria.....
			.....	.....	.....
32	San Pedro, Cal.....	do.....	.....	.....	.....
33	Santa Rosa, Fla.....	July 23	Nor. bk. Aveimore (a).....	July 4	Port Elizabeth.....
			Nor. bk. Figaro (a).....	July 6	do.....
			Sp. ss. Enero (a).....	July 14	Newport via Vera Cruz.
			Nor. ss. Nordenskjold (a).....	do.....	Mossel Bay, South Africa.
			Sp. ss. Vivina.....	July 19	Liverpool via Cuban ports.
			Nor. bk. Magna.....	do.....	Buenos Ayres.....

a Previously reported.



## and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3				do.....	
4				No transactions.....	
5				No report.....	
6				do.....	
7	Brunswick.....	Disinfected and held.....	July 25	Discharging ballast.....	4
8	do.....	Held for disinfection.....		do.....	
9	Norfolk.....	Passed on authority of Bureau telegram.	Aug. 2		2
10				No transactions.....	6
11				do.....	
12				Oriental crew and 5 white passengers on Br. ss. Indrasamha, from Hongkong, examined.	2
13					1
14				No United States consular bill of health.	3
15				No transactions.....	1
16					1
17	Pascagoula.....	Disinfected and held.....	July 22	1 vessel spoken and passed.	1
18	do.....	do.....	do.....		
19	Ship Island.....	do.....	July 24		
20	Pascagoula.....	do.....	July 25		
21	Biloxi.....	do.....	July 27		
22	Key West.....	Disinfected.....	July 20		11
23				No report.....	
24				do.....	
25	Nome.....	Detained in quarantine.....	July 24	1 suspicious case isolated. Smallpox; isolated on Sledge Island.	12
26	do.....	do.....			7
27		Boarded and passed.....	July 12		5
28				2 vessels spoken and passed.	2
29				No transactions.....	
30					1
31	Philadelphia.....	Held to complete five days.	July 23		10
32					24
33				No transactions.....	1
34				do.....	
35				1 vessel spoken and passed; 3 steamships passed without inspection.	1
36					
37	San Francisco.....	Boarded and passed.....	July 21	1 case plague at port of departure.	2
38	do.....	Held for disinfection.....			22
39	do.....	Boarded and passed.....	July 26	2 cases malaria on Am. ss. City of Para from Panama.	
40				No report.....	
41	Pensacola.....	Ballast discharged; vessel disinfected.	July 19		3
42	do.....	do.....	July 18		
43	do.....	Disinfected.....	July 21	1 case fever; suspicious..	
44	do.....	Ballast discharged.....	do.....		
45	do.....	Held to complete five days.	July 20		
46	do.....	Held to discharge ballast and disinfect.			

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
33	UNITED STATES—Continued. Santa Rosa, Fla.....	July 23	Am. bg. Tabor.....	July 23	Jucaro.....
34	Savannah, Ga.....	July 26	Am. bg. Ajax..... Nor. bk. Austad (a)..... Rus. bk. Westbury.....	do..... July 21 do.....	do..... La Guaira..... Port Elizabeth.....
35	South Atlantic Quarantine, Blackbeard Island, Ga.	July 26	Ger. bk. Pionier..... Nor. bk. Chris. Knudson..	July 23 do.....	Cape Town..... do.....
36	Tampa Bay, Fla.....	do.....	Br. ss. Thistledhu (a)..... It. bk. Guiseppe..... Ger. ship Siam.....	July 14 July 21 July 22	Santos..... Cape Town via Barbados. Limerick.....
37	Washington, N. C.....	do.....			
38	OTRA : Cienfuegos.....	July 19			
39	Havana.....	do.....	Nor ss. Volund..... Am. ss. Roanoke..... Am. ss. Chalmette.....	July 12 July 14 do.....	Tlacotalpan, Mexico. Key West..... New Orleans.....
40	Matanzas.....	July 26			
41	Nuevitas.....	do.....			
42	Santiago de Cuba.....	do.....			
43	HAWAIIAN ISLANDS : Hilo.....	July 5			
44	Honolulu.....	July 12			
45	Kahului, Maui.....	do.....			
46	Kihei, Maui.....	do.....			
47	Koloa, Kauai.....	do.....			
48	Lahaina, Maui.....	do.....			
49	PILIPPINES : Cebu.....				
50	Iloilo.....				
51	Manila.....				
52	PORTO RICO : Ponce.....	July 19	Fr. ss. Salvador..... Cuban ss. Julia..... Sp. ss. Montserrat.....	July 17 July 18 July 19	Port au Prince..... Havana..... do.....
53	San Juan.....	do.....	Fr. ss. Olinde Rodrigues..	July 17	St. Marc.....
54	Subports— Aguadilla.....	do.....			
55	Arecibo.....	do.....			
56	Arroyo.....	do.....			
57	Pajardo.....	do.....			
58	Humacao.....	do.....			
59	Mayaguez.....	do.....	Fr. ss. Salvador..... Cuban ss. Julia.....	July 16 July 18	Port au Prince..... Havana.....

a Previously reported.



## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
33	Pensacola .....	Held to disinfect.....	.....	.....	.....
34	do.....	do.....	.....	.....	.....
34	Savannah .....	Disinfected and held.....	.....	.....	1
do.....	do.....	Fumigated and ballast discharged.....	July 26	.....	.....
do.....	do.....	Fumigated.....	.....	.....	.....
do.....	do.....	Fumigated and held to discharge ballast.....	.....	Discharging ballast.....	1
35	Sapelo.....	Disinfected and held.....	July 21	.....	.....
36	Port Tampa.....	Ballast discharged; vessel fumigated for rats.....	July 26	.....	6
do.....	do.....	Held for discharge of ballast.....	.....	.....	.....
37	.....	.....	.....	No transactions.....	.....
38	.....	.....	.....	No report.....	.....
39	Mobile.....	Disinfected.....	July 13	.....	.....
.....	Key West.....	Partial disinfection .....	July 14	.....	.....
40	New Orleans.....	Disinfected.....	July 19	.....	.....
41	.....	.....	.....	No transactions.....	.....
42	.....	.....	.....	No report.....	.....
do.....	do.....	.....	.....	do.....	.....
43	.....	.....	.....	.....	3
44	.....	.....	.....	Glandular region of crew and steerage passengers on Japanese ss. Nippon Maru, from Hongkong, examined.....	6
45	.....	.....	.....	No transactions.....	.....
46	.....	.....	.....	do.....	.....
47	.....	.....	.....	do.....	.....
48	.....	.....	.....	.....	1
49	.....	.....	.....	.....	.....
50	.....	.....	.....	.....	.....
51	.....	.....	.....	.....	.....
52	Fort de France.....	Held in quarantine.....	July 17	Disinfected 17 pieces of baggage and 2 sacks mail.....	.....
.....	San Juan.....	do.....	July 18	Disinfected 69 pieces of baggage and 2 sacks mail.....	.....
.....	Genoa.....	do.....	July 19	Disinfected 12 pieces of baggage and 1 sack mail.....	.....
53	Havre.....	do.....	July 17	Local baggage and mail disinfected; 12 nonimmunes detained to complete five days period.....	2
54	.....	.....	.....	.....	2
55	.....	.....	.....	No transactions.....	.....
56	.....	.....	.....	do.....	.....
57	.....	.....	.....	do.....	.....
58	.....	.....	.....	.....	2
59	Ponce.....	Held in quarantine.....	July 16	Local baggage and mail disinfected.....	.....
.....	San Juan.....	do.....	July 18	do.....	.....

## Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md .....	Aug. 2			
2	Bangor, Me .....	do.			
3	Boston, Mass .....	do.			
4	Charleston, S. C. ....	July 26	Ss. Foxhall .....	July 23	Port Limon .....
5	Elizabeth River, Va. ....	Aug. 2			
6	Galveston, Tex. ....	July 26			
7	Gardiner, Oreg .....	do.			
8	Marcus Hook, Pa. ....	do.			
9	Mobile Bay, Ala .....	do.	Br. ss. Saltwell .....	July 20	Mexican ports .....
			It. ss. Guiseppe Corvaja .....	July 22	Matanzas .....
			Dutch ss. Amstel .....	July 25	St. Lucia .....
			Nor. ss. Normandie .....	do.	Mexican ports .....
			Nor. ss. Europa .....	July 26	Havana .....
10	New Bedford, Mass .....	do.			
11	New Orleans, La. ....	July 19	Br. ss. Horrocks (a) .....	July 8	Rio de Janeiro .....
			Br. ss. Alexandrian (a) .....	do.	Liverpool via West Indian and Mexican ports.
			Nor. ss. Nor (a) .....	July 11	Progreso .....
			Sp. ss. Puerto Rico (a) .....	July 12	Barcelona and Cuban ports.
			Am. ss. Excelsior .....	July 14	Havana .....
			Br. ss. Anselm .....	do.	Puerto Cortez .....
			Br. ss. Olympia .....	July 15	Port Limon .....
			Br. ss. Glenarm Head .....	do.	Vera Cruz .....
			Nor. ss. Alabama .....	July 16	Port Limon .....
			Br. ss. Wimborne .....	July 17	Rio de Janeiro .....
			Am. ss. Arkadia .....	July 14	San Juan .....
			Am. ss. Algiers .....	July 17	Port Limon .....
			Br. ss. Mombassa .....	do.	Rio de Janeiro .....
			Am. ss. Porto Rico .....	July 18	San Juan .....
12	Newport News, Va. ....	Aug. 2			
13	Newport, R. I. ....	do.			
14	New York, N. Y. ....	do.			
15	Pass Cavallo, Tex. ....	do.			
16	Port Royal, S. C. ....	do.			
17	Providence, R. I. ....	do.			
18	Quintana, Tex. ....	do.			
19	Sabine Pass, Tex. ....	do.			
20	St. Helena Entrance, S. C. ....	July 29			

a Previously reported.

*municipal quarantine stations.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	.....	.....	.....	No report.....	.....
2	.....	.....	.....	do.....	.....
3	.....	.....	.....	do.....	.....
4	Charleston ..	Disinfected; clothing steamed.	July 23	.....	4
5	.....	.....	.....	No transactions.....	.....
6	.....	.....	.....	No report.....	.....
7	.....	.....	.....	do.....	.....
8	.....	.....	.....	do.....	.....
9	Mobile.....	Disinfected and held.	.....	.....	10
	do.....	Held.....	July 25	.....	.....
	do.....	Disinfected and held.	.....	.....	.....
	do.....	do.....	.....	.....	.....
10	do.....	Held.....	.....	.....	.....
11	New Orleans ..	Disinfected and held.	July 13	No report.....	.....
	do.....	do.....	do.....	.....	.....
	do.....	do.....	July 16	.....	.....
	do.....	do.....	July 17	.....	.....
	do.....	Disinfected.....	July 14	.....	.....
	do.....	do.....	do.....	1 case malarial fever.....	.....
	do.....	do.....	July 15	.....	.....
	do.....	Disinfected and held.	.....	.....	.....
	do.....	Disinfected.....	July 16	.....	.....
	do.....	Disinfected and held.	.....	.....	.....
	do.....	Disinfected.....	July 14	.....	.....
	do.....	do.....	July 17	.....	.....
	do.....	Disinfected and held.	.....	.....	.....
	do.....	Disinfected.....	July 18	.....	.....
12	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	1

*Smallpox in the United States as reported to the Surgeon-General Public Health and Marine-Hospital Service, June 28, 1902, to August 8, 1902.*

For reports received from December 28, 1901, to June 27, 1902, see PUBLIC HEALTH REPORTS for June 27, 1902.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alaska:</b>				
Juneau .....	June 16.....	1 .....		Imported from a mining camp.
Total for Territory.....		1 .....		
Total for Territory, same period, 1901.....				Smallpox reported.
<b>California:</b>				
Los Angeles.....	June 7-July 12 .....	2 .....		
Sacramento.....	June 14-July 19 .....	11 .....		
San Francisco.....	June 15-July 27 .....	19 .....		
Stockton.....	June 1-June 30 .....	14 .....		Total number of cases from December 1, 1901, to July 1, 1902; 119 cases, 1 death.
Total for State.....		46 .....		
Total for State, same period, 1901.....		17 .....		
<b>Colorado:</b>				
Arapahoe County (Denver included).....	June 1-July 26 .....	9 .....		
El Paso County.....	June 1-June 30 .....	19 .....		
Gilpin County.....	do.....	2 .....		
La Plata County.....	do.....	8 .....		
Larimer County.....	do.....	6 .....		
Las Animas County.....	do.....	1 .....		
Montrose County.....	do.....	1 .....		
Ouray County.....	do.....	5 .....		
Park County.....	do.....	1 .....		
Prowers County.....	do.....	12 .....		
San Miguel County.....	do.....	2 .....		
Summit County.....	do.....	1 .....		
Teller County.....	do.....	1 .....		
Washington County.....	do.....	1 .....		
Weld County.....	do.....	22 .....		
Total for State.....		91 .....		
Total for State, same period, 1901.....				
<b>Florida:</b>				
Jacksonville.....	June 14-June 21 .....	4 .....		
Live Oak.....	July 11.....	1 .....		
Palmetto.....	do.....	1 .....		
Total for State.....		6 .....		
Total for State, same period, 1901.....				
<b>Georgia:</b>				
Augusta.....	June 1-June 30 .....		1 .....	
Total for State.....			1 .....	
Total for State same period, 1901.....				
<b>Illinois:</b>				
Belleville.....	June 14-Aug. 2 .....	15 .....		
Cairo.....	June 29.....	1 .....		
Chicago.....	June 14-Aug. 2 .....	27 .....	1 .....	
Freeport.....	July 6-July 12 .....	1 .....		
Joliet.....	July 2-July 15 .....	15 .....		
Total for State.....		59 .....	1 .....	
Total for State, same period, 1901.....		44 .....		
<b>Indiana:</b>				
Evansville.....	June 29-July 5 .....	2 .....		
Indianapolis.....	June 7-July 26 .....	57 .....		
Muncie.....	June 1-June 30 .....	2 .....		
Terre Haute.....	June 14-June 28 .....	4 .....		
Total for State.....		65 .....		
Total for State, same period, 1901.....		123 .....	3 .....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Iowa:</b>				
Adams County.....	June 1-June 30	.....	.....	Present.
Allamakee County.....	June 1-July 31	.....	.....	Do.
Boone County.....	June 1-June 30	.....	.....	Do.
Calhoun County.....	.....do.....	.....	.....	Do.
Carroll County.....	.....do.....	.....	.....	Do.
Chickasaw County.....	.....do.....	.....	.....	Do.
Clarke County.....	.....do.....	.....	.....	Do.
Davis County.....	.....do.....	.....	.....	Do.
Dubuque County.....	July 1-July 31	.....	.....	Do.
Emmet County.....	June 1-June 30	.....	.....	Do.
Fremont County.....	July 1-July 31	.....	.....	Do.
Hamilton County.....	June 1-June 30	.....	.....	Do.
Harrison County.....	June 1-July 31	.....	.....	Do.
Johnson County.....	July 1-July 31	.....	.....	Do.
Kossuth County.....	June 1-July 31	.....	.....	Do.
Louis County.....	.....do.....	12	.....	Do.
Madison County.....	July 1-July 31	.....	.....	Do.
Mahaska County.....	June 1-June 30	.....	.....	Do.
Plymouth County.....	.....do.....	.....	.....	Do.
Pocahontas County.....	June 1-July 31	.....	.....	Do.
Polk County.....	June 1-June 30	.....	.....	Do.
Pottawattamie County.....	.....do.....	.....	.....	Do.
Sac County.....	.....do.....	.....	.....	Do.
Scott County (Davenport included).	.....do.....	18	.....	Do.
Shelby County.....	July 1-July 31	.....	.....	Do.
Sioux County.....	June 1-June 30	.....	.....	Do.
Taylor County.....	July 1-July 31	.....	.....	Do.
Wapello County (Ottumwa included)	June 1-June 28	10	.....	Do.
Warren County.....	June 1-June 30	.....	.....	Do.
Webster County.....	.....do.....	.....	.....	Do.
Winnebago County.....	.....do.....	.....	.....	Do.
Winneshick County.....	.....do.....	.....	.....	Do.
Woodbury County.....	.....do.....	.....	.....	Do.
Worth County.....	.....do.....	.....	.....	Do.
Total for State.....		40	.....	
Total for State, same period, 1901.		9	.....	
<b>Kansas:</b>				
Wichita.....	June 14-July 26	10	.....	
Total for State.....		10	.....	
Total for State, same period, 1901.		319	4	
<b>Kentucky:</b>				
Covington.....	June 14-July 26	32	.....	
Lexington.....	June 21-July 12	2	.....	
Total for State.....		34	.....	
Total for State, same period, 1901.		1	.....	
<b>Louisiana:</b>				
New Orleans.....	June 14-June 21	1	.....	Nine hours in city.
Total for State.....		1	.....	
Total for State, same period, 1901.		10	2	
<b>Maine:</b>				
Machias.....	June 26.....	1	.....	Imported from a lumber camp a few miles from Machias.
Total for State.....		1	.....	
Total for State, same period, 1901.		.....	.....	
<b>Maryland:</b>				
Baltimore.....	July 27-Aug. 2	1	.....	
Cumberland.....	June 1-June 30	2	.....	
Total for State.....		3	.....	
Total for State, same period, 1901.		.....	.....	
<b>Massachusetts:</b>				
Boston.....	June 21-Aug. 2	39	5	
Cambridge.....	.....do.....	45	18	
Everett.....	June 21-July 26	14	3	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts—Continued.</b>				
Fall River.....	July 27-Aug. 2	1	.....	
Lowell.....	June 21-Aug. 2	21	1	
Malden.....	June 14-June 21	2	.....	
Medford.....	July 13-Aug. 2	3	1	
Melrose.....	June 21-July 12	2	1	
New Bedford.....	July 30-Aug. 2	1	.....	
Newton.....	June 21-Aug. 2	8	.....	
Somerville.....	.....do.....	24	2	
Taunton.....	June 21-June 28	2	.....	
Worcester.....	June 13-June 20	1	.....	
Total for State .....		163	31	
Total for State, same period, 1901.		27	6	
<b>Michigan:</b>				
Alpena County.....	June 14-July 26	.....	.....	Present.
Antrim County.....	July 12-July 26	.....	.....	Do.
Arenac County.....	June 14-July 26	.....	.....	Do.
Bay County.....	July 14-July 19	.....	.....	Do.
Benzie County.....	June 14-July 5	.....	.....	Do.
Berrien County.....	July 12-July 26	.....	.....	Do.
Calhoun County.....	June 14-July 26	.....	.....	Do.
Cass County.....	June 14-June 21	.....	.....	Do.
Charlevoix County.....	July 12-July 26	.....	.....	Do.
Cheboygan County.....	June 14-July 26	.....	.....	Do.
Delta County.....	June 14-July 19	.....	.....	Do.
Eaton County.....	.....do.....	.....	.....	Do.
Emmet County.....	June 14-July 5	.....	.....	Do.
Genesee County.....	June 14-July 26	.....	.....	Do.
Grand Traverse County.....	June 21-July 26	.....	.....	Do.
Griatiot County.....	June 21-July 19	.....	.....	Do.
Houghton County.....	June 14-July 19	.....	.....	Do.
Huron County.....	June 14-July 26	.....	.....	Do.
Ingham County.....	.....do.....	.....	.....	Do.
Ionia County.....	.....do.....	.....	.....	Do.
Iosco County.....	.....do.....	.....	.....	Do.
Isabella County.....	June 14-July 23	.....	.....	Do.
Jackson County.....	June 14-July 5	.....	.....	Do.
Kalamazoo County.....	.....do.....	.....	.....	Do.
Kalkaska County.....	.....do.....	.....	.....	Do.
Kent County (Grand Rapids included).	June 7-July 5	5	.....	Do.
Lapeer County.....	June 14-July 5	.....	.....	Do.
Mackinac County.....	.....do.....	.....	.....	Do.
Mason County (Ludington included).	June 7-June 21	3	.....	
Mecosta County.....	June 14-July 26	.....	.....	Do.
Menominee County.....	June 14-July 19	.....	.....	Do.
Midland County.....	June 14-July 26	.....	.....	Do.
Missaukee County.....	June 14-July 5	.....	.....	Do.
Montcalm.....	June 14-July 26	.....	.....	Do.
Muskegon County.....	.....do.....	.....	.....	Do.
Newaygo.....	June 14-June 21	.....	.....	Do.
Oakland County.....	June 21-July 5	.....	.....	Do.
Osego County.....	July 19-July 26	.....	.....	Do.
Ottawa County.....	June 14-July 19	.....	.....	Do.
Presque Isle County.....	June 14-July 5	.....	.....	Do.
Saginaw County.....	June 14-July 26	.....	.....	Do.
St. Clair County.....	July 12-July 26	.....	.....	Do.
Sanilac County.....	June 14-July 26	.....	.....	Do.
Schoolcraft County.....	June 14-July 5	.....	.....	Do.
Tuscola County.....	.....do.....	.....	.....	Do.
Washtenaw County.....	June 21-July 5	.....	.....	Do.
Wayne County (Detroit included).	June 21-July 19	10	.....	
Wexford County.....	June 14-July 26	.....	.....	Do.
Total for State .....		18	.....	
Total for State, same period, 1901.		6	1	
<b>Minnesota:</b>				
Aitkin County.....	July 7-July 28	3	.....	
Becker County.....	June 9-July 28	1	.....	
Beltrami County.....	July 7-July 28	7	1	
Benton County.....	July 21-July 28	1	.....	
Blue Earth County.....	June 9-July 28	41	.....	
Brown County.....	July 7-July 28	3	.....	
Carlton County.....	June 23-July 28	1	.....	
Carver County.....	June 9-July 28	27	.....	

Smallpox was reported present in 27 counties at 46 places during the week ended July 26, 1902.

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Chippewa County.....	June 9-July 28	7		
Clay County.....	June 23-July 28	11		
Crow Wing County.....	June 9-July 28	14		
Douglas County.....	July 7-July 28	1		
Faribault County.....	June 23-July 28	6		
Freeborn County.....	June 9-July 28	8	1	
Goodhue County.....	do.....	5		
Grant County.....	July 14-July 28	1		
Hennepin County.....	June 9-July 28	33	1	
Itasca County.....	June 16-July 28	2		
Jackson County.....	July 7-July 28	1		
Kanabec County.....	June 23-July 28	21		
Kandiyohi County.....	July 21-July 28	1		
Lake County.....	June 9-July 28	1		
Le Sueur County.....	June 16-July 28	4		
Lincoln County.....	June 9-July 28	43		
Lyon County.....	June 23-July 28	2		
McLeod County.....	do.....	11		
Martin County.....	June 30-July 28	3		
Meeker County.....	June 16-July 28	8		
Mille Lacs County.....	June 9-July 28	6	1	
Morrison County.....	do.....	3		
Mower County.....	do.....	1		
Murray County.....	June 23-July 28	4		
Nicollet County.....	June 9-July 28	11		
Nobles County.....	do.....	64		
Olmsted County.....	do.....	9		
Otter Tail County.....	do.....	22		
Pine County.....	June 16-July 28	35		
Pipestone County.....	June 9-July 28	2		
Polk County.....	June 23-July 28	3		
Pope County.....	June 16-July 28	12		
Ramsay County.....	June 9-July 28	11		
Redwood County.....	do.....	1		
Renville County.....	do.....	4		
Rice County.....	June 30-July 28	4		
Roseau County.....	July 14-July 28	19		
St. Louis County.....	June 16-July 28	8		
Scott County.....	June 9-July 28	2		
Sibley County.....	June 16-July 28	4		
Stearns County.....	June 9-July 28	20		
Steele County.....	June 16-July 28	2		
Swift County.....	June 30-July 28	26		
Todd County.....	do.....	3		
Traverse County.....	June 9-July 28	3		
Wabasha County.....	June 30-July 28	2		
Wadena County.....	June 23-July 28	4		
Washington County.....	do.....	2		
Watsonwan County.....	June 9-July 28	5		
Winona County.....	July 14-July 28	2		
Wright County.....	June 9-July 28	9		
Yellow Medicine County.....	do.....	23		
Total for State.....		593	4	
Total for State, same period, 1901.....		910	9	
<b>Missouri:</b>				
Carthage.....	May 1-July 10	30		
St. Joseph.....	July 20-July 26	13		
St. Louis.....	June 8-July 27	103	3	
Total for State.....		146	3	
Total for State, same period, 1901.....		79		
<b>Montana:</b>				
Butte.....	June 7-July 13	6		
Helena.....	June 1-June 30	1		
Total for State.....		7		
Total for State, same period, 1901.....				
<b>Nebraska:</b>				
Omaha.....	June 14-July 26	51		
South Omaha.....	June 23-June 30	18		
Total for State.....		69		
Total for State, same period, 1901.....		42		



*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>New Hampshire:</b>				
Nashua .....	June 21-July 26	17		
Total for State .....		17		
Total for State, same period, 1901.		4		
<b>New Jersey:</b>				
Camden County (Camden included).	June 29-July 26	4		
Essex County (Newark included).	June 21-July 26	53	14	
Hudson County (Jersey City included).	June 15-July 27	92	16	
Union County (Elizabeth included).	Mar. 29-June 21	24	3	
Total for State .....		173	33	
Total for State, same period, 1901.		28	2	
<b>New York:</b>				
Auburn .....	June 1-June 30	2		
Buffalo .....	June 19-July 23	8		
New York .....	June 21-Aug. 2	130	41	One imported from Pittsburgh, Pa.
Niagara Falls .....	July 15-July 31	7		
Total for State .....		147	41	
Total for State, same period, 1901.		354	94	
<b>North Carolina:</b>				
Beaufort County .....	May 1-May 31	1		
Cabarrus County .....	do	2		
Camden County .....	do	4		
Carteret County .....	May 1-July 4	9		
Catawba County .....	May 1-May 31	29		
Forsyth County .....	do	6		
Gaston County .....	do	50		
Haywood County .....	do	10		
Johnston County .....	do	3		
Lincoln County .....	do	1		
Mecklenburg County .....	do	68		
New Hanover County .....	do	1		
Rockingham County .....	do	29		
Rowan County .....	do	8		
Stanly County .....	do	3		
Surry County .....	do	29		
Union County .....	do	25		
Wilson County .....	do	4		
Yadkin County .....	do	2		
Total for State .....		266		
Total for State, same period, 1901.		185		
<b>North Dakota:</b>				
Benson County .....	May 1-June 24	2		
Cavalier County .....	do	18		
Griggs County .....	do	4		
Kidder County .....	do	10		
Pierce County .....	do	1		
Richland County .....	do	2	1	
Sargent County .....	do	6		
Steele County .....	do	6		
Stutsman County .....	do	15		
Trall County .....	do	3		
Wells County .....	do	1		
Total for State .....		68	1	
Total for State, same period, 1901.		28		
<b>Ohio:</b>				
Ashtabula .....	June 14-June 21	2		
Cincinnati .....	June 20-Aug. 1	27		
Cleveland .....	June 21-July 26	133	25	
Dayton .....	June 21-July 19	8		
Hamilton .....	June 14-July 26	13		



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Toledo .....	June 14-July 26	13	2	
Youngstown .....	June 22-June 28	1		
Zanesville .....	June 1-June 30	1		
Total for State .....		198	27	
Total for State, same period, 1901.		3,010	38	
<b>Oklahoma:</b>				
Oklahoma County .....	June 16-July 9	6		
Total for Territory .....		6		
Total for Territory, same period, 1901.				
<b>Oregon:</b>				
Portland .....	June 1-June 30	46		
Total for State .....		46		
Total for State, same period, 1901.		8		
<b>Pennsylvania:</b>				
Allentown .....	July 6-July 12	1		One case imported.
Altoona .....	June 21-July 26	2		
Butler .....	July 12-July 17	2		
Eric .....	June 29-July 19	7		
Garland .....	July 1 .....	4	1	
Johnstown .....	June 21-July 26	33	1	Imported from Cleveland, Ohio.
Lancor .....	July 24 .....	1		
McKeesport .....	June 21-July 26	10	2	
Philadelphia .....	June 28-July 26	57	10	
Pittsburg .....	June 21-July 26	94	10	
Pottsville .....	July 1-July 31	1		
Scranton .....	June 14-July 19	9		
Total for State .....		221	24	
Total for State, same period, 1901.		946	7	
<b>Rhode Island:</b>				
Providence .....	June 11-July 19	11		
Total for State .....		11		
Total for State, same period, 1901.		3		
<b>Tennessee:</b>				
Memphis .....	June 7-July 12	5		
Total for State .....		5		
Total for State, same period, 1901.		22	1	
<b>Texas:</b>				
San Antonio .....	June 1-June 30	1		
Total for State .....		1		
Total for State, same period, 1901.			2	
<b>Utah:</b>				
Ogden .....	June 1-June 30	9		
Salt Lake City .....	June 14-July 26	13	1	
Total for State .....		22	1	
Total for State, same period, 1901.		19		
<b>Virginia</b>				
Danville .....	July 8-July 14	3		
Petersburg .....	June 1-June 25	2	1	
Total for State .....		5	1	
Total for State, same period, 1901.		1		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Washington:				
Tacoma .....	June 14-July 27	6	.....	
Total for State.....		6	.....	
Total for State, same period, 1901.		27	1	
Wisconsin:				
Green Bay.....	June 16-July 27	10	.....	
Milwaukee.....	June 21-Aug. 2	21	.....	
Total for State.....		32	.....	
Total for State, same period, 1901.		10	.....	
Grand total.....		2,577	168	
Grand total, same period, 1901.		6,245	169	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, from December 28, 1901 to August 8, 1902.*

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Dec. 12	1	.....	
	Feb. 22	1	1	From Berkeley.
	Apr. 20	1	1	From Davisville.
	May 19	1	1	
	May 25	1	1	
	May 29	1	1	
	July 13	1	1	
	July 18	1	1	
	July 19	1	1	
	July 20	1	1	
	July 21	1	1	



Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U.S. census of 1900.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
San Francisco, Cal .....	July 13	342,782	147	17	.....	.....	.....	.....	.....	3	1	4
Do .....	July 20	342,782	150	15	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara, Cal .....	July 19	6,587	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa .....	do.	102,026	38	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sioux Falls, S. Dak. ....	July 26	10,266	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Somerville, Mass. ....	do.	61,643	15	1	.....	.....	.....	.....	.....	.....	.....	.....
South Bend, Ind .....	do.	35,999	7	2	.....	.....	.....	.....	1	.....	.....	.....
Steelton, Pa .....	do.	12,068	7	.....	.....	.....	.....	.....	1	.....	.....	.....
Tacoma, Wash .....	July 20	37,714	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	July 27	37,714	10	.....	.....	.....	.....	.....	.....	.....	1	.....
Taunton, Mass. ....	July 26	31,036	15	2	.....	.....	.....	.....	.....	.....	.....	.....
Titusville, Pa .....	June 28	8,244	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	July 19	8,244	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	July 26	8,244	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio .....	July 19	131,822	35	3	.....	.....	.....	.....	.....	2	.....	1
Do .....	July 26	131,822	29	2	.....	.....	.....	.....	.....	2	.....	1
Waltham, Mass. ....	do.	23,481	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio .....	do.	8,529	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C. ....	do.	278,718	121	11	.....	.....	.....	.....	8	.....	.....	7
Weymouth, Mass. ....	do.	11,324	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamsport, Pa .....	do.	28,757	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winona, Minn .....	do.	19,714	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woburn, Mass. ....	do.	14,254	7	1	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass. ....	do.	118,421	43	4	.....	.....	.....	.....	1	3	.....	.....

a One case, 1 death bubonic plague.

## Table of temperature and rainfall, week ended July 28, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Sasport, Me.....	61	.....	5	.87	.....	.77
Portland, Me.....	68	.....	6	.84	.....	.84
Northfield, Vt.....	65	.....	1	.84	.....	.44
Boston, Mass.....	71	.....	9	.77	.....	.....
New Haven, Conn.....	72	.....	6	1.19	.03	.59
Albany, N. Y.....	72	.....	4	.91	.....	.....
New York, N. Y.....	74	.....	2	1.02	.....	.42
Harrisburg, Pa.....	73	.....	3	.98	.....	.....
Philadelphia, Pa.....	76	.....	4	.98	.02	.....
New Brunswick, N. J.....	74	.....	2	1.19	.81	.....
Atlantic City, N. J.....	73	.....	3	.77	.03	.....
Baltimore, Md.....	77	.....	1	1.02	.....	.62
Washington, D. C.....	76	.....	2	1.04	.....	.71
Lynchburg, Va.....	77	.....	1	.91	.....	.91
Cape Henry, Va.....	77	.....	1	1.39	.....	1.39
Norfolk, Va.....	79	.....	1	1.40	.....	1.40
Charlotte, N. C.....	78	.....	2	1.26	.34	.....
Raleigh, N. C.....	78	.....	2	1.20	.....	1.00
Kittyhawk, N. C.....	78	2	.....	1.40	.10	.....
Hatteras, N. C.....	79	.....	1	1.54	.....	.94
Wilmington, N. C.....	80	.....	2	1.75	.....	1.45
Columbia, S. C.....	81	.....	3	1.37	.....	1.17
Charleston, S. C.....	82	.....	4	1.82	.78	.....
Augusta, Ga.....	81	.....	3	1.19	.....	.39
Savannah, Ga.....	82	.....	4	1.57	1.93	.....
Jacksonville, Fla.....	82	.....	4	1.47	3.13	.....
Jupiter, Fla.....	81	.....	1	1.16	2.24	.....
Key West, Fla.....	84	0	.....	.87	.....	.87
<b>Gulf States:</b>						
Atlanta, Ga.....	78	.....	2	1.12	.....	1.12
Tampa, Fla.....	82	.....	4	1.83	2.47	.....
Pensacola, Fla.....	80	0	.....	1.63	.....	1.33
Mobile, Ala.....	81	.....	1	1.54	.....	1.04
Montgomery, Ala.....	81	.....	1	.98	.....	.98
Meridian, Miss.....	78	0	.....	1.19	.....	.89
Vicksburg, Miss.....	81	.....	3	1.00	.....	.20
New Orleans, La.....	82	0	.....	1.46	.....	.96
Shreveport, La.....	82	.....	6	2.56	.....	.....
Fort Smith, Ark.....	81	.....	3	.95	.....	.91
Little Rock, Ark.....	80	.....	2	.91	.....	.91
Palestine, Tex.....	82	.....	4	.50	5.40	.....
Galveston, Tex.....	84	.....	4	.76	1.81	.....
San Antonio, Tex.....	83	.....	1	.55	.85	.....
Corpus Christi, Tex.....	82	0	.....	.96	.....	.06
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	80	.....	2	.77	.....	.77
Nashville, Tenn.....	79	.....	3	.91	.....	.91
Chattanooga, Tenn.....	78	.....	2	.91	.....	.91
Knoxville, Tenn.....	77	.....	3	.98	.....	.78
Lexington, Ky.....	75	.....	1	1.12	.....	1.12
Louisville, Ky.....	78	0	.....	.84	.....	.43
Indianapolis, Ind.....	76	.....	2	.93	.....	.65
Cincinnati, Ohio.....	77	.....	1	.75	.....	.40
Columbus, Ohio.....	75	.....	1	.70	.....	.97
Parkersburg, W. Va.....	76	.....	2	.97	.....	.93
Pittsburg, Pa.....	75	.....	1	1.03	.....	.....
<b>Lake Region:</b>						
Oswego, N. Y.....	69	.....	5	.70	.40	.....
Rochester, N. Y.....	70	2	.....	.63	.17	.....
Buffalo, N. Y.....	70	0	.....	.70	.10	.....
Erle, Pa.....	71	.....	1	.63	.27	.....
Cleveland, Ohio.....	73	1	.....	.77	.....	.27
Sandusky, Ohio.....	73	1	.....	.70	.....	.40
Toledo, Ohio.....	73	1	.....	.63	.....	.03
Detroit, Mich.....	74	0	.....	.75	.....	.....
Lansing, Mich.....	71	.....	1	.70	.30	.....
Port Huron, Mich.....	69	.....	1	.54	.16	.....
Alpens, Mich.....	65	3	.....	.65	.75	.....
Sault Ste. Marie, Mich.....	62	4	.....	.63	.....	.13
Marquette, Mich.....	66	2	.....	.63	.17	.....
Escanaba, Mich.....	67	1	.....	.77	.....	.37
Green Bay, Wis.....	71	1	.....	.77	.....	.47
Grand Haven, Mich.....	69	1	.....	.56	.34	.....
Milwaukee, Wis.....	70	2	.....	.63	.07	.....
Chicago, Ill.....	73	.....	1	.77	.33	.....
Duluth, Minn.....	67	5	.....	.77	.....	.77

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended July 28, 1902—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	72	0	.....	.70	.20	.....
La Crosse, Wis.....	73	.....	1	.87	.....	.07
Dubuque, Iowa.....	75	.....	1	.87	.23	.....
Davenport, Iowa.....	75	.....	1	.81	.....	.21
Des Moines, Iowa.....	75	.....	1	.77	.03	.....
Keokuk, Iowa.....	77	.....	1	.87	.03	.....
Springfield, Ill.....	76	0	.....	.56	.....	.56
Cairo, Ill.....	79	.....	1	.74	.....	.74
St. Louis, Mo.....	79	0	.....	.84	.....	.64
<b>Missouri Valley:</b>						
Columbia, Mo.....	77	.....	1	.88	.....	.88
Springfield, Mo.....	77	.....	3	.98	2.02	.....
Kansas City, Mo.....	77	.....	1	.91	.....	.31
Topeka, Kans.....	77	.....	1	1.12	.....	.41
Wichita, Kans.....	80	.....	4	.70	.....	.50
Concordia, Kans.....	78	.....	2	.75	.35	.....
Lincoln, Nebr.....	77	.....	3	.84	1.16	.....
Omaha, Nebr.....	76	.....	2	.97	.....	.47
Sioux City, Iowa.....	75	.....	1	.76	.....	.36
Yankton, S. Dak.....	73	.....	1	.81	.....	.81
Valentine, Nebr.....	73	0	.....	.49	.....	.09
Huron, S. Dak.....	72	0	.....	.70	.....	.60
Pierre, S. Dak.....	76	0	.....	.42	.....	.12
Moorhead, Minn.....	68	4	.....	.82	.....	.42
Bismarck, N. Dak.....	70	0	.....	.49	.....	.49
Williston, N. Dak.....	69	.....	1	.38	.....	.18
<b>Rocky Mountain and Plateau Region:</b>						
Havre, Mont.....	68	4	.....	.42	.....	.42
Helena, Mont.....	68	2	.....	.18	.....	.18
Miles City, Mont.....	75	.....	1	.28	.....	.28
Rapid City, S. Dak.....	73	.....	1	.35	.15	.....
Spokane, Wash.....	71	1	.....	.12	.....	.12
Walla Walla, Wash.....	76	0	.....	.06	.....	.06
Baker City, Oreg.....	69	0	.....	.07	.....	.07
Winnemucca, Nev.....	73	1	.....	.00	.00	.....
Pocatello, Idaho.....	71	3	.....	.07	.....	.07
Boise, Idaho.....	75	1	.....	.00	.00	.....
Salt Lake City, Utah.....	76	2	.....	.14	.....	.14
Lander, Wyo.....	67	0	.....	.21	.....	.21
Cheyenne, Wyo.....	66	0	.....	.42	.....	.32
North Platte, Nebr.....	73	0	.....	.56	1.26	.....
Denver, Colo.....	71	1	.....	.40	.....	.40
Pueblo, Colo.....	74	0	.....	.52	.....	.52
Dodge City, Kans.....	77	.....	1	.70	1.00	.....
Oklahoma, Okla.....	81	.....	5	.83	.....	.63
Amarillo, Tex.....	75	.....	3	.73	.....	.43
Abilene, Tex.....	84	.....	10	.39	4.51	.....
Santa Fe, N. Mex.....	67	.....	1	.78	.....	.78
El Paso, Tex.....	81	.....	5	.52	.18	.....
Phoenix, Ariz.....	91	.....	1	.22	.08	.....
Yuma, Ariz.....	84	.....	6	.07	.....	.07
<b>Pacific Coast:</b>						
Seattle, Wash.....	64	.....	.....	.14	.....	.....
Tacoma, Wash.....	63	1	.....	.14	.14	.....
Portland, Oreg.....	67	3	.....	.07	.....	.....
Roseburg, Oreg.....	67	3	.....	.07	.07	.....
Eureka, Cal.....	56	.....	.....	.00	.....	.....
Red Bluff, Cal.....	83	5	.....	.00	.00	.....
Carson City, Nev.....	69	5	.....	.00	.00	.....
Sacramento, Cal.....	73	.....	.....	.00	.00	.....
San Francisco, Cal.....	58	4	.....	.00	.00	.....
Fresno, Cal.....	83	3	.....	.00	.00	.....
San Luis Obispo, Cal.....	65	1	.....	.00	.00	.....
Los Angeles, Cal.....	70	0	.....	.00	.00	.....
San Diego, Cal.....	68	0	.....	.00	.80	.....

a The figures in this column represent the average daily departure.

## FOREIGN AND INSULAR.

### BARBADOS.

#### *Cases of smallpox—Quarantine information.*

BARBADOS, WEST INDIES, *July 19, 1902.*

SIR: On the 13th instant 2 women were reported to my board as suffering from smallpox. They were at once sent to the quarantine hospital at Pelican Island where they are kept in strict isolation and are doing as well as can be expected. A strict watch is being kept on all persons who are known to have come in contact with them.

Quarantine is in force here against French Guiana and Para, for yellow fever; against Colon, Panama, and Rio de Janeiro, for yellow fever and smallpox; against Pernambuco, for yellow fever, smallpox, and plague, and against Bombay, Paraguay, Calcutta, Hongkong, Manila, Mauritius, and Port Said, for plague.

On 24th instant 2 further cases, all from one block. Outbreak well under control.

Respectfully,

JAS. SANDERSON.

*Clerk, General Board of Health.*

The SURGEON-GENERAL.

### BRAZIL.

#### *Report from Bahia.*

BAHIA, BRAZIL, *July 7, 1902.*

SIR: I beg leave to report that for the week ended July 7, 1902, there were reported in the cemeteries of Bahia 87 interments. The causes of death were the following: Aneurism, 1; arterio-sclerosis, 2; beriberi, 2; cirrhosis of the liver, 2; diarrhea and dysentery, 3; colitis, 1; malarial fevers, 2; puerperal fever, 1; gastritis, 8; hepatitis, 1; meningitis, 1; senile debility, 1; stillborn, 3; pneumonia, 3; tetanus, 6; tuberculosis, 12, and from other causes, 38.

Respectfully,

H. W. FURNISS,

*United States Consul.*

The SECRETARY OF THE TREASURY.

### BRITISH HONDURAS.

#### *Report from Belize—Fruit port—Equipment of station and method of inspection.*

BELIZE, BRITISH HONDURAS, *July 8, 1902.*

SIR: In compliance with Bureau letter, May 28, 1902, I have the honor to submit report of the transactions at this station from April 14 up to and including June 30, 1902.

The station was opened April 14, but in accordance with instructions in letter of April 4, 1902, the regulations regarding the detention of passengers and fumigation of baggage were not enforced until May 1, from which date the active quarantine season dates. The equipment of the station consists of 1 autoclave in fair condition.



The steamships on this coast anchor about 1 mile from shore, as there are no docks, and all freight and passengers have to be carried by lighters to and from the ship, so that there is very little communication between the vessels and shore. By courtesy of the fruit companies I am allowed the use of their boats for the purpose of boarding vessels.

Passengers applying for permits to go to the United States are required to be at least five days from any port the health of which is unknown. All baggage is fumigated by either steam or formaldehyd. As the regulations of the Louisiana board of health call for steam, I have accepted the baggage when thus treated, only baggage for the Mobile steamship being subjected to formaldehyd.

Since the opening of the station, April 14, 1902, 23 vessels have been inspected and given certificates, 618 crews inspected, 93 passengers given certificates, and 109 pieces of baggage disinfected. Of the 23 vessels cleared from this port, 17 were for New Orleans, La., 5 for Mobile, Ala., and 1 for Pensacola, Fla.

Respectfully,

R. H. PETERS,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

*Weekly report of conditions and transactions at Belize—Fruit port.*

BELIZE, BRITISH HONDURAS, July 25, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 19, 1902:

Population according to census of 1901, 9,113; present officially estimated population, about 7,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 6. Causes of death: Phlegmon, 1; tetanus, 1; convulsions, 1; hepatic dropsy, 1; acute dysentery, 1, and cerebral apoplexy, 1. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following vessels: July 17, steamship *Managua*; crew, 17; passengers from this port, 2; passengers in transit, none; July 18, steamship *Breakwater*; crew, 36; passengers from this port, 7; passengers in transit, 2; baggage disinfected, 12 pieces.

Respectfully,

R. H. PETERS,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

CANADA.

*Inspection of immigrants at Quebec for the week ended July 26, 1902.*

QUEBEC, CANADA, July 26, 1902.

SIR: I have the honor to report that at this port, for the week ended July 26, there were inspected 638 immigrants; passed, 620; detained, 18. \* \* \*

Respectfully,

W. C. BILLINGS,  
*Assistant Surgeon.*

The SURGEON-GENERAL.



## CHINA.

*A death from cholera in Pekin—Imported.*

PEKIN, CHINA, June 18, 1902.

SIR: Confirming my telegram of the 8th instant on the overleaf, I have the honor to report that on the 7th a Japanese came to this city from Tientsin, entered the Japanese barracks, and in a few hours died of what was supposed to be cholera. The Japanese minister now informs me that they have had no other cases of cholera, or anything like it. No other cases are known here.

Every precaution has been taken throughout the legation quarter. We have had some recent heavy rains, and therefore feel that we are in no great danger from this disease, which often plays such havoc in the Orient.

They are still reporting a considerable number of cases at Tientsin, but recent information indicates that conditions are improving even there.

Respectfully,

E. H. CONGER,

*Envoy Extraordinary and Minister Plenipotentiary.*

The SECRETARY OF STATE.

[Telegram sent.]

PEKIN, CHINA, June 8, 1902.

SECRETARY OF STATE, Washington, D. C.: Fatal case of cholera Japanese barracks yesterday. Victim just from Tientsin. No other evidence of the disease here.—CONGER.

*Further report concerning experiments in treating leprosy.*

[No 213.]

[For first report see PUBLIC HEALTH REPORTS No. 30, July 25.]

CANTON, CHINA, June 11, 1902.

SIR: In further continuation of my No. 196 concerning the experiments in leprosy cases at Canton by the noted specialist, Dr. Adolph Razlag, of Vienna, Austria, I have the honor to report as follows:

Medical men everywhere and humanitarians the world over will read with interest the early results of Dr. Razlag's work in Canton, where through my personal efforts H. E. Tao Mu, viceroy of the Two Kwangs, has set aside 3 new buildings in the leper village for the special accommodation of the leper patients now under apparently successful experimentation.

I am indeed much gratified over the results, which go far to prove that leprosy is amenable to medical and surgical treatment, except in extreme cases. \* \* \*

Dr. John M. Swan, surgeon in charge of the Canton hospital, and one of the most eminent authorities on leprosy, plague, cholera, and other diseases incident to the Orient, was one of the leading physicians who had Dr. Razlag's treatment under continuous personal observation, and he kindly consented to prepare a report for me thereon, so that, through our State Department, if thought advisable, the scientific world at least could learn what is being done here to combat by far the worst scourge of afflicted humanity in the far East. Here are his reports:

THE MEDICAL MISSIONARY SOCIETY'S HOSPITAL

*Canton, China, June 10, 1902.*

SIR: I have the honor to inclose herewith a report of the work of Dr. Adolph Razlag, of Vienna University, who has for the past few weeks been conducting the treatment of 4 leper patients under the observation of Canton physicians.

This report is necessarily incomplete, as the course of treatment involves several

months' time and I have written of this work only while it has been under my observation here.

I also inclose photographs of the patients, taken on admission to the hospital and again when they were removed to their new quarters.

Dr. Razlag's work has been thorough and scientific. It involves much time and labor and, perhaps, the most serious objection or rather obstacle in the way of making such work of practical value is the necessity of a physician's entire time being given up to his patients if his work is to be a success.

I trust you will find the inclosed report of some interest.

Respectfully,

Hon. ROBERT M. MCWADE,

United States Consul, Canton, China.

JOHN M. SWAN.

*A report of the treatment of leprosy in Canton as conducted by Dr. Adolph Razlag, of Vienna University.*

CANTON, CHINA, January 10, 1902.

The spirit of inquiry and research so active in modern times is, perhaps, nowhere more actively exercised than in the domain of medicine and surgery. This spirit of inquiry and experiment is being carried to the ends of the earth where suffering humanity is brought to feel its effects and benefits. The field of medical missions offers large opportunities for the observation and study of diseases and the practical application of modern methods of treatment. Appreciating this fact, Dr. Adolph Razlag, a graduate of Vienna University, who for the past five years has been making a careful study of certain tropical diseases, applied to those in charge of the Medical Missionary Society's Hospital for advice and aid as to the best means of obtaining unrestricted conditions for the treatment of patients suffering from leprosy. Dr. Razlag stated that in various countries where he had studied and successfully treated this dread disease he had found great difficulty in securing favorable conditions; also, that he had seldom been situated where he could obtain the bona fide testimony of physicians as to the results of treatment. After consultation with other physicians of Canton, and with the approval of the board of managers of this hospital, it was decided to render all possible aid to Dr. Razlag. Accommodations quite isolated from the resident portion of the hospital were provided for Dr. Razlag, and 4 leper patients selected from the leper village to the east of Canton City were admitted and placed under strict quarantine. Two of these cases were far advanced and about the worst that could be found in the leper refuge which has 1,000 inmates. The following points are taken from the history of these patients:

1. Sun Taz Lun; age, 27; occupation, farmer; former residence, Kowloon; no evidence of hereditary disease. Eleven years ago, right foot showed signs of leprosy; two years later ulceration began, followed by general infection. Present condition, large nodular macula, copper colored, on face and extremities. Lower extremities markedly oedematous and extensive ulceration involves almost the entire surface of the legs and feet, from which there is a discharge of 5 or 6 ounces thin acrid pus daily. Glands much enlarged; patient can hardly stand or walk; almost complete aphasia.

2. Chau Hi; age, 23; residence, Canton; occupation, teacher. Ten years ago leper spot appeared on left elbow, followed later by general infection with glandular enlargement. Present condition shows usual signs of general infection, large nodular macula, leonine expression, and a deep perforating ulcer on bottom of foot. No hereditary history.

3. Li Tsang; age, 28; residence, Canton; occupation, laborer. Thirteen years ago lepra manifestations began on face and gradual general infection followed. Anesthesia marked. No hereditary history. Present condition of face and extremities oedematous, rheumatic pains, and the other usual signs of general infection.

4. Tsik Yeung; age, 17; residence, village near Canton; occupation, laborer. Eight years ago anesthesia and lepra spots on extremities, followed with general infection with the usual signs. This patient was received one week after the others.

These patients were required to bathe and appear in clean clothing, and as soon as admitted were again put through a cold bath with Condy's fluid, new clothing given to them, and old clothing and effects burned. From time of entrance every possible source of reinfection was rigidly guarded against, the premises being kept scrupulously clean and each patient required to keep his own apartment with no interchange of towels, furniture, etc. An abundant supply of wholesome food was provided three times daily, and as far as possible the patients were required to remain in the open air. Twice daily a general cold bath strongly impregnated with ether potass. permanganate or liq. calcis sulph. was administered. In 1 case only (No. 1) a large mass of indurated saphenous glands was removed from each thigh.

In this brief description it will not be possible to give the course of treatment, which is yet incomplete, in detail. The treatment varied in each case and was changed frequently, according as symptoms required. Only standard remedies of the pharmacopœia were used. The following outline shows the general course of treatment:

1. Local. General cold baths followed by bath medicated with potass. permang. or double-strength liq. calcis sulph., each bath being followed by friction of the indurated surfaces (no massage or subcutaneous injections were used). Abraded or broken surfaces were treated with peroxide of hydrogen, sozo-iodol, liq. arsenitis, liq. zinci chlor. ung. sulphoichthyl ammon. ung. hydrarg. chrysarobin, the strength and application of these remedies varying according to the symptoms present and only to perfectly clean surfaces.

2. Internal or constitutional. Excretory organs kept active, special attention paid to digestive disturbances. Administration of acid arsen. and sulpho-ichthyl ammon. in pill form. Ferri ammon. cit. et strychn., sodii iodide, salicyl. sodii., the remedies used being pushed to their full physiological effect. The treatment was personally supervised by Dr. Razlag several hours each day, a capable native helper being always at hand to assist in the work.

Photograph No. 1 shows the appearance of these patients when they were placed under treatment. Photograph 2 was taken after a month's treatment. After eight days distinct improvement was manifest. Skin was somewhat softened, sensation showed signs of returning, and ulcerating surfaces showed healthy granulations with marked tendency to heal. Patients declared they felt much better. After a month's treatment the improved condition of each patient was proportionate with that shown during the first week. Pain and œdema had largely disappeared except on the most indurated surfaces, extensive ulcerated surfaces were quite healed and the patients were rejoicing over their improved condition.

After a month's treatment an opportunity occurred through the exertion of Consul McWade to place these patients in new buildings connected with the village for lepers, but quite isolated and as yet unused by anyone. This opportunity and the absence of Dr. Razlag for a short time had made it advisable to remove the patients from their temporary residence at the hospital to the new quarters. Bath arrangements, special attendant, and all facilities for continuing the treatment were also transferred as it must be kept on for at least three or four months longer.

*Remarks.*—As a result of repeated observation of Dr. Razlag's faithful and self-denying work on behalf of these patients we may conclude that lepra is unquestionably largely amenable to treatment. Treatment is practically symptomatic and should generally be continued for five or six months. Success depends on method, strength, and effective application of the remedies used. Each case must be studied and symptoms met in proper order. Sudden changes in the weather affect course and progress of disease. Closure of wounds increases the eruption temporarily.

Dr. Razlag does not claim a radical cure for lepra, but states that the worst case may be cured to such an extent as will allow perfect liberty of the patients, and his efficient work done under the observation of a number of the Canton physicians bears out this statement. The following physicians observed these cases while under treatment and saw the results obtained: Dr. Webb Anderson, Dr. Townsend, Dr. Thos. McCloy, Dr. C. C. Selden, Dr. Shumaker, and the surgeon in charge of the hospital; also several gentlemen in the foreign community.

It is but fair to state that Dr. Razlag has conducted this work at practically his own expense, and with a devotion shown only by those who believe in the object to be obtained and the great possibilities before us for relieving the most distressed cases of suffering humanity. Dr. Razlag is grateful for the help and privileges granted by the Medical Missionary Society's Hospital, and states that they far exceed those he has ever received elsewhere. For months he lived in a shack in the Sandwich Islands isolated from the world while studying and treating lepra patients, and he therefore the more appreciates the assistance that has been rendered him by Consul McWade, Viceroy Tao, the board of managers of the Canton hospital, and the various physicians resident in Canton.

This is but a hastily written general report of the work Dr. Razlag has been engaged in. Later on we may hope for a further report as to the final results of the treatment now being continued in these cases.

JOHN M. SWAN,

*Surgeon in charge of the Medical Missionary Society's Hospital.*

I earnestly hope that my action in the foregoing matter meets with your approval.

Respectfully,

ROBERT M. McWADE,

*United States Consul.*

THE ASSISTANT SECRETARY OF STATE.

*Dengue epidemic in Canton.*

DEPARTMENT OF STATE,  
Washington, D. C., July 29, 1902.

SIR: I have the honor to advise you for the information of the Public Health and Marine-Hospital Service that the Department is in receipt of a telegram, dated the 28th instant, from the consul of the United States at Canton, China, which reads, "Dengue fever epidemic Canton, mild type."

Respectfully,

DAVID J. HILL,  
*Acting Secretary of State.*

The SECRETARY OF THE TREASURY.

COSTA RICA.

*Weekly report of conditions and transactions at Port Limon—Fruit port—Yellow fever.*

PORT LIMON, COSTA RICA, July 24, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 24, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, 2 cases, no deaths; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 4. Prevailing diseases are yellow fever and malarial fever. The four deaths, noted above, 1 white male, aged 32 years, from bilious remittent fever, the other three deaths, all colored, 2 males and 1 female, were due to, respectively, remittent fever, railway injuries, and pneumonia. General sanitary condition of this port and the surrounding country during the week has not been good. The two cases of yellow fever, noted above, only came under my observation on the evening of July 17, too late to be included in last week's report. These cases are now convalescing. One case reported July 10 as yellow fever died in hospital here on the 22d instant, the cause of death being certified to as due to bilious remittent fever, the latter succeeding to the attack of yellow fever.

Bills of health were issued to the following vessels: July 17, steamship *Foxhall*; crew, 25; passengers from this port, none; passengers in transit, none; baggage disinfected, none; steamship *Beverly*; crew, 39; passengers from this port, none; passengers in transit, none; baggage disinfected, none. July 20, steamship *Venus*; crew, 30; passengers from this port, none; passengers in transit, none; baggage disinfected, none. July 21, steamship *Alene*; crew, 44; passengers from this port, 16; passengers in transit, 16; baggage disinfected, none. July 23, steamship *Olympia*; crew, 36; passengers from this port, none; passengers in transit, none; baggage disinfected, none.

Respectfully,

WM. H. CARSON,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

## CUBA.

*Report from Matanzas.*MATANZAS, CUBA, *July 23, 1902.*

SIR: Through Surg. A. H. Glennan, Public Health and Marine-Hospital Service, Havana, Cuba, I have the honor to submit the following report of the transactions at this port for the week ended July 19, 1902: Number of vessels, outgoing, inspected and cleared, 8; number of crew inspected, 227; number of passengers inspected, 70; number of vessels disinfected, 2. No quarantinable disease was reported in this district. Mortality statistics for this port are inclosed.

Respectfully,

R. H. VON EZDORF,  
*Assistant Surgeon.*

The SURGEON-GENERAL.

[Inclosure.]

*Mortality report for week ended July 19, 1902, for Matanzas, Cuba.*

Tuberculosis .....	6
Enteritis .....	3
La grippe.....	1
Meningitis.....	1
Infantile tetanus.....	1
Heart disease.....	1
Endocarditis .....	1
Nephritis.....	1
Puerperal septicemia.....	1
Athrepsia.....	2
Carcinoma .....	1
Old age.....	1
Total .....	20

Annual rate of mortality for week, 21.39 per 1,000.

*Report from Santiago de Cuba.*SANTIAGO DE CUBA, *July 18, 1902.*

SIR: Through Surg. A. H. Glennan, Havana, I have the honor to forward herewith mortuary statistics for June 29 to July 5, 1902, and July 6 to July 12, 1902.

Respectfully,

RICHARD WILSON,  
*Acting Assistant Surgeon.*

The SURGEON GENERAL.

*Mortuary statistics from June 29 to July 5, 1902, inclusive, for the port of Santiago de Cuba.*

Fever, intermittent malarial.....	3
Tubercle of lungs.....	5
Cancer of the stomach .....	1
Bronchitis, acute .....	1
Pneumonia.....	1
Bright's disease.....	1
Diarrhea and enteritis (under 2 years).....	3
Diarrhea and enteritis, chronic.....	1
Diarrhea and enteritis (2 years and over).....	1
Ill-defined or unspecified causes of death.....	3
Total .....	20

Annual rate of mortality for the week 24.18 per 1,000. Estimated population, 43,000.



*Mortuary statistics from July 6 to July 12, 1902, inclusive, for the port of Santiago de Cuba.*

Typhoid fever (abdominal typhus) .....	1
Fever, intermittent malarial .....	2
La grippe .....	1
Tubercle of lungs .....	5
Cancer (organs not specified) .....	1
Cerebral congestion .....	1
Tetanus .....	2
Bronchitis, acute .....	1
Diarrhea and enteritis (under 2 years) .....	4
Bright's disease .....	1
Ill-defined or unspecified causes of death .....	2

Total ..... 21

Annual rate of mortality for the week, 25.39 per 1,000. Estimated population, 43,000.

*Mortuary statistics from July 13 to July 19, 1902, inclusive, for the Port of Santiago de Cuba.*

Malarial cachexia .....	1
Diphtheritic paralysis .....	1
Dysentery .....	1
Tubercle of lungs .....	2
Meningitis .....	1
Organic diseases of the heart .....	2
Diarrhea and enteritis (under 2 years) .....	2
Diarrhea and enteritis, chronic .....	1
Diarrhea and enteritis (2 years and over) .....	2
Bright's disease .....	1
Septicæmia, puerperal .....	1
Congenital debility .....	1
Ill-defined or unspecified causes of death .....	1

Total ..... 17

Annual rate of mortality for the week, 20.5 per 1,000. Estimated population, 43,000.

## ENGLAND.

*Report from Liverpool.*

LIVERPOOL, ENGLAND, July 22, 1902.

SIR: I have the honor to state that for the week ended July 19, 1902, there were reported to the local health authorities the following cases: Smallpox, 9; typhus fever, 2; enteric fever, 15; scarlet fever, 72; diphtheria, 12; measles, 7. This is an increase in the number of cases of smallpox over the preceding weeks, and is probably due to fresh importations from London. For the same period in Birkenhead there were reported the following cases: Smallpox, 1; scarlet fever, 1; diphtheria, 2; membranous croup, 1; enteric fever, 4, and measles, 48. Between the 15th and 18th of this month there have been in Bootle 9 cases of smallpox, with 1 death in an unvaccinated person. Bootle is a corporation immediately adjacent to Liverpool, in fact, virtually a part of it.

Respectfully,

CARROLL FOX,  
Assistant Surgeon.

The SURGEON-GENERAL.

## GERMANY.

*Plague and cholera in various countries—Plague in Formosa from 1896 to 1901.*

BERLIN, GERMANY, July 19, 1902.

SIR: I have the honor to transmit herewith the latest information obtained from the imperial health office (Kaiserliches-Gesundheitsamt), at Berlin, regarding plague and cholera:

*Plague.*

TURKEY.—According to a communication in the Times of India, the plague has broken out in Makalla (South Arabia).

EGYPT.—Between June 27 and July 3 there were registered 16 plague cases and 10 deaths, namely, 7 cases and 4 deaths in Alexandria, 8 cases and 5 deaths in Tuh, and 1 case and 1 death in Port Said.

BRITISH INDIA.—In the Bombay Presidency there were registered during the week ended June 13, 391 plague cases and 286 deaths, and during the week ended June 20, 443 new plague cases and 298 deaths.

CHINA—*Hongkong*.—During the period from May 10 to May 31 there occurred 116 plague cases and 114 deaths.

JAPAN.—In Formosa the plague is by no means on the decrease. Since the beginning of the year up to May 22, there have occurred 1,322 plague cases and 956 deaths; in the last week there were recorded 141 cases and 101 deaths. During the years 1896 to 1901 the following plague cases and deaths were reported to the Japanese authorities: In 1896, 246 cases, 147 deaths; 1897, 730 cases, 566 deaths; 1898, 1,233 cases, 882 deaths; 1899, 2,637 cases, 1,994 deaths; 1900, 1,079 cases, 809 deaths, and 1901, 4,519 cases, 3,634 deaths.

CAPE COLONY.—In Port Elizabeth, during the period from June 1 to June 14, there were recorded 3 plague cases and 1 death.

*Plague and cholera.*

BRITISH INDIA.—In Calcutta, during the week from June 1 to June 7, 90 persons died of plague and 51 of cholera.

STRAITS SETTLEMENTS.—During the period from May 11 to May 31 there occurred 236 deaths from cholera.

DUTCH INDIES.—In the district of Soerabaya, during the period from May 18 to May 30, there occurred 150 deaths from cholera.

CHINA—*Hongkong*.—During the period from May 10 to May 31 there were registered 109 cholera cases and 98 deaths.

Respectfully,

FRANK H. MASON,  
United States Consul-General.

The SURGEON-GENERAL.

*Health of Berlin.*

BERLIN, GERMANY, July 19, 1902.

SIR: I have the honor to report that the death rate in Berlin for the week ended July 5 was somewhat higher than in the three foregoing weeks, being 14.8 per 1,000 of the population. Of all the other large German towns, however, only 7 showed more favorable figures, among them being Charlottenburg, with 13.3 per 1,000. The mortality rate of London was somewhat higher than that of Berlin, that of Schöneberg (17.1) Paris. Vienna, Munich considerably higher. The increase in the mortality as compared with that of the previous week was almost

exclusively among infants in their first year. The number of acute diseases of the intestines showed little change. They caused 60 deaths. Acute diseases of the respiratory organs occurred much less frequently and claimed 36 victims. There were registered 75 deaths from consumption. There were 17 deaths from measles, being about three times the number of the foregoing week. There were 6 deaths from diphtheria, the same number as during the foregoing week. A few cases of influenza were recorded, but no deaths. Eleven persons died by violence.

Respectfully,

FRANK H. MASON,  
*United States Consul-General.*

The SURGEON-GENERAL.

#### GUATEMALA.

*Weekly report of conditions and transactions at Livingston—Fruit port.*

LIVINGSTON, GUATEMALA, *July 22, 1902.*

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 22, 1902:

Present officially estimated population, 3,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 2. Prevailing disease, malarial fever. General sanitary condition of this port and the surrounding country during the week, good.

Bill of health was issued to the following vessel: July 22, steamship *Condor*; crew, 16; passengers from this port, none; passengers in transit, none; baggage disinfected, none.

Respectfully,

GUY A. DARCANTEL,  
For A. J. SMITH,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

*Report from Puerto Barrios—Fruit port.*

PUERTO BARRIOS, GUATEMALA, *July 21, 1902.*

SIR: The health and sanitary condition of this port and the surrounding country continue good. The following vessels have cleared during the week: July 15, American steamship *Breakwater*, for New Orleans, with 7 passengers and 7 pieces of disinfected baggage; Norwegian steamship *Managua*, for Mobile, with cargo of fruit.

Respectfully,

D. P. ALBERS,  
*Resident Medical Inspector for the  
Louisiana State Board of Health, Puerto Barrios.*

The SURGEON-GENERAL.

#### HAWAIIAN ISLANDS.

*A death from plague at Honolulu.*

[Copy of telegram from Honolulu.]

HONOLULU, H. I., *July 23, 1902,*  
*via San Francisco, July 30, 1902.*

There was a death from plague Honolulu to-day.—COFER.



## HONDURAS.

*Weekly report of conditions and transactions at La Ceiba—Fruit port.*

LA CEIBA, HONDURAS, July 19, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 19, 1902:

Present officially estimated population, about 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 1. Prevailing disease, malaria, but few cases and mild types. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following vessels: July 14, steamship *David*; crew, 24; passengers from this port, none; passengers in transit, none; baggage disinfected, none. July 19, steamship *Geo. Dumois*; crew, 17; passengers from this port, none; passengers in transit, none; baggage disinfected, none.

Respectfully,

W. B. ROBERTSON,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

*Weekly report of conditions and transactions at Puerto Cortez—Fruit port.*

PUERTO CORTEZ, HONDURAS, July 23, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 23, 1902:

Population according to census of 1896, 1,856; present officially estimated population, 2,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, none. Prevailing disease, malarial fever. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health were issued to the following vessels: July 17, steamship *Breakwater*, crew, 36; passengers from this port, 2; passengers in transit, 2; baggage disinfected, 4 pieces. July 19, steamship *España*, crew, 14; passengers from this port, none; passengers in transit, none; baggage disinfected, none. July 23, steamship *Hiram*, crew, 15; passengers from this port, none; passengers in transit, none; baggage disinfected, none.

Respectfully,

S. H. BACKUS,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

## ITALY.

*Report from Naples.*

NAPLES, ITALY, July 14, 1902.

SIR: I have the honor to report that for the week ended July 12, 1902, the following ships were inspected at Naples:

July 9, the steamship *Lombardia*, of the Italian General Navigation

Company, bound with passengers and cargo for New York. There were inspected and passed 688 steerage passengers and 106 pieces of large baggage; 700 pieces of baggage were disinfected by steam. The rejection of 15 steerage passengers was advised.

July 11, the steamship *Calabria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 630 steerage passengers and 170 pieces of large baggage; 705 pieces of baggage were disinfected by steam. The rejection of 19 steerage passengers was advised.

*Inspection at Palermo.*

At Palermo, for the week ended July 12, 1902, the following ship was inspected:

July 6, the steamship *Spartan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 401 steerage passengers; 505 pieces of baggage were disinfected by steam. The rejection of 44 steerage passengers was advised.

*Smallpox in Naples.*

During the week ended July 12, 1902, there were officially reported in Naples 2 cases of smallpox with no deaths.

*Plague in Turkey.*

The latest reports from Constantinople state that no new cases of bubonic plague have developed, but that 2 of the 4 heretofore reported died July 2, 1902.

Respectfully,

J. M. EAGER,

*Passed Assistant Surgeon.*

The SURGEON-GENERAL.

JAPAN.

*Report from Yokohama—Cholera reports.*

YOKOHAMA, JAPAN, July 8, 1902.

SIR: I have the honor to transmit herewith statement of the cholera situation in Japan. Occasionally it has been practicable to secure direct information from official sources, but in the main the following data are derived from press reports usually printed as official dispatches from the governors of the infected prefectures, and believed by me to be reliable:

Name of Ken or Fu.	Date.	Cases.	Deaths.	Remarks.
Ehime Ken .....	.....	1	.....	
Fukuoka Ken.....	July 3-July 5	49	7	Including 43 cases in Fukuoka jail and 1 case at Mogi.
Nagasaki Ken .....	July 5.....	2	2	Also 1 case on steamship Yawata Maru and several cases on steamship Fujisan Maru.
Saga Ken.....	June 1-July 3	62	33	
Shizuoka Ken.....	.....	1	.....	
Tokyo Fu .....	June 23-July 3	15	12	
Tokushima Ken .....	July 4.....	1	.....	

Plague continues to prevail in Formosa, recent reports stating that since January 1, 1902 there have been on that island 1,987 cases, with 1,516 deaths.

Respectfully,

DUNLOP MOORE,

*Assistant Surgeon.*

The SURGEON-GENERAL.

## JAVA.

*Cholera in Batavia.*

BATAVIA, JAVA, June 19, 1902.

SIR: I regret to report the appearance of cholera at the beginning of this month in this consular district, but as yet it has not appeared in epidemic form. From June 1 up to the present date there have been some 39 cases, of which 30 have been fatal, but at present it is confined to the Chinese and natives. The sanitary department, assisted by the police, is doing its utmost to prevent the disease from spreading to the European quarters, and it is to be hoped their efforts will meet with success.

Respectfully,

B. S. RAIRDEN,  
*United States Consul.*

The ASSISTANT SECRETARY OF STATE.

## MEXICO.

*Reports from Vera Cruz—Supposed second attack of yellow fever.*

VERA CRUZ, MEXICO, July 20, 1902.

SIR: I have the honor to make the following report for the week ended July 19:

Seven cases and 2 deaths were reported from yellow fever and 30 deaths from all causes. This falling off of the yellow fever and the general mortality is hard to explain. During the past six months the general mortality has averaged 191 deaths a month and during the past three months the yellow fever has averaged 10 deaths a week. This decrease in the mortality might be attributed to the measures that have been instituted to eliminate the mosquitoes, for that portion of the town that has been put in a sanitary condition is almost entirely free from that pest. As to the yellow fever, the decrease in the epidemic is caused by the diminution in quantity of the stegomyia or a lack of nonimmune material.

On June 4, I was called to see A. A. Adams, an American from Minneapolis, Minn., and found him suffering from a well-marked case of yellow fever. His symptoms were unmistakable, facial expression, albumin in the urine, temperature 38° C. and pulse 58, nausea, pains in back and legs, and jaundice. On a treatment of purgative and apollinaris lemonades, he made a good recovery, although his pulse went down as low as 48, while his temperature was 37.4° C. He was discharged at the end of the twelfth day of the disease and resumed his occupation a few days later.

On July 10, while attending a roommate of Mr. Adams' who was suffering from yellow fever, I found Adams in bed with a temperature of 39° C., and he laughingly said that he had it again. Before giving any medicine, I called in consultation and had his blood examined by the yellow-fever commission. The diagnosis was yellow fever, and subsequent symptoms and treatment verified the diagnosis. I discharged the case yesterday convalescent.

One of two things is certain, this man has had two attacks of yellow fever within two months or there has been a mistake in diagnosis. The disease was so pronounced in both attacks that a mistake in diagnosis was hardly probable. The only other case of a second attack of the disease that I know of happened here in Vera Cruz in the hospital

practice of Dr. Z. Molina. During an epidemic of yellow fever a woman came into the hospital suffering with a well-marked case of the disease, and during the epidemic of the following year, the same woman entered the hospital with an attack of yellow fever. No quinine was given in either case, and the disease ran its course in about ten days. Adams had been in Vera Cruz about two months before his first attack of the disease, and I did not see him until the third day of the attack. After his first attack he was constantly exposed to infection. On July 29 one of his companions died of black vomit in the car in which they were camped, some miles out of Vera Cruz, on a railroad that is undergoing construction. He returned to Vera Cruz about July 3 and found his roommate ill with yellow fever and occupied a bed in the same room.

Respectfully,

S. H. HODGSON,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

VERA CRUZ, MEXICO, *July 27, 1902.*

SIR: During the week ended July 26, there were reported 19 cases and 9 deaths from yellow fever, 5 deaths from pernicious fever, 2 from remittent fever, and 5 from tuberculosis. The total number of deaths during the week from all causes was 26, the lowest since the last week of January, 1900. There has been no sickness of any description in the shipping, and the 129 passengers that left the port during the week were all in good health.

Respectfully,

S. H. HODGSON,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

*Reports from Tampico.*

TAMPICO, MEXICO, *July 21, 1902.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this office during the week ended July 19, 1902. For the same period there were recorded in the office of the juez civil a total of 8 deaths due to causes as follows: Paludism, 2; diarrhea, 2, and miscellaneous, 4. The sanitary condition of the port continues to be satisfactory.

Respectfully,

JOS. GOLDBERGER,  
*Assistant Surgeon.*

TAMPICO, MEXICO, *July 29, 1902.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued in this office during the week ended July 26, 1902. During the same period there were recorded in the office of the juez civil a total of 14 deaths, resulting from the following causes: Malaria (including perniciousa), 5; tuberculosis, 1; typhoid, 1; gastro-intestinal, 3, and miscellaneous, 4. The case of yellow fever removed from the Italian steamship *Il Piemonte*, reported to the Bureau July 27, 1902, is carefully isolated in a separate pavilion at the civil hospital. This pavilion is made mosquito proof by close-meshed wire screens in all windows and doors, the latter being vestibuled. The sanitary condition of the port remains unchanged.

Respectfully,

JOS. GOLDBERGER,  
*Assistant Surgeon.*

The SURGEON-GENERAL.

*Case of yellow fever on steamship Il Piemonte from Vera Cruz.*

TAMPICO, MEXICO, July 28, 1902.

SIR: I have the honor to confirm herewith the following telegram:

TAMPICO, MEXICO, July 27, 1902. °

WYMAN, Washington, D. C.: One case yellow fever removed from steamship *Il Piemonte*. Infected at Vera Cruz. Sails for Galveston via Progreso.—GOLDBERGER.

The Italian steamship *Il Piemonte*, from Hamburg via Antwerp, Havre, St. Thomas, and Vera Cruz, arrived in Tampico July 20, 1902, with all well on board. After fumigation of fore-castle and hold she was released from quarantine.

Monday, July 21, 1902, she went to her wharf and began discharging cargo. Sunday, July 27, 1902, she left her berth and anchored farther up the stream, and began loading live stock for Progreso and preparing to sail. At about 11 a. m. I boarded the steamer for the purpose of inspecting the same and issuing the bill of health. The ship's surgeon then reported having a sick man on board whom he had been treating for malaria. An examination of the patient revealed the following:

Antonio Scaramuccia, 20 years old, Italian, was taken sick about noon July 24, 1902, with headache. He had been well up to that time. The ship's surgeon's examination revealed a temperature of 38.8° C. and a pulse of 96 with a conjunctival injection and no enlargement of spleen. At 7 p. m. of the same day the patient had temperature 39.8° C. and pulse 120. A cathartic was followed by a number of movements and quinine, 1 gram, was administered twice that day and was continued three times a day.

July 25, 8 a. m., temperature, 38.5° C., pulse, 96; 1 p. m., temperature, 39.2° C., pulse, 96; 7 p. m., temperature, 39.5° C., pulse, 96. July 26, 8 a. m., temperature, 39.0° C., pulse, 84; 1 p. m., temperature, 38.9° C., pulse, 96; 7 p. m., temperature, 38.9° C., pulse, 96. July 27, 8 a. m., 38.5° C., pulse, 84; 1 p. m., temperature, 39.1° C., pulse, 71, full and soft.

The patient has injected and slightly jaundiced sclera. No pain or tenderness over any abdominal area can be elicited. Spleen is easily palpable. Examination of the urine shows gonorrheal threads and flakes of pus; after filtering, heat and nitric acid shows albumen about one-fourth in volume after standing one hour. Examination of fresh blood preparation shows nothing. Diagnosis of yellow fever is made. Having come to this conclusion, I advised the captain to communicate with the local sanitary officer and to make arrangements to have the patient removed. This was done. The chief quarantine officer, Dr. Matiruzo, saw the patient and concurred in my diagnosis and removed the sick man to the civil hospital.

The vessel sailed this morning at 11 a. m. for Progreso en route to Galveston with all on board well.

Respectfully,

JOS. GOLDBERGER,  
Assistant Surgeon.

The SURGEON-GENERAL.

[NOTE.—Bureau notified State health officer of Texas of facts in the case by telegraph.—W. W.]



## NICARAGUA.

*Weekly reports of conditions and transactions at Bluefields—Fruit port.*

BLUEFIELDS, NICARAGUA, July 20, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 19, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 2. Prevailing disease, malarial fever, in a mild form. The two deaths above recorded were from gunshot wounds. There is very little sickness of any kind, even among the 1,000 soldiers now quartered in and around Bluefields. General sanitary condition of this port and the surrounding country during the week, very good. Heavy and almost incessant rains prevail and are conducive to the excellent sanitary condition of this port and vicinity.

Bill of health was issued to the following vessel: July 13, steamship *Utstein*; crew, 15; passengers from this port, none; passengers in transit, none; baggage disinfected, none.

Respectfully,

D. W. GOODMAN,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

*Weekly report of conditions and transactions at Bluefields—Fruit port.*

BLUEFIELDS, NICARAGUA, July 27, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended July 26, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 1. Prevailing diseases, malarial fever and tuberculosis. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health were issued to the following vessels: July 20, steamship *Banan*; crew, 19; passengers from this port, none; passengers in transit, none; baggage disinfected, none. July 24, steamship *Esther*; crew, 18; passengers from this port, none; passengers in transit, 1; baggage disinfected, none. July 25, steamship *Geo. W. Kelly*; crew, 19; passengers from this port, 13; passengers in transit, none; pieces of baggage disinfected, 18.

Respectfully,

D. W. GOODMAN,  
*Acting Assistant Surgeon.*

The SURGEON-GENERAL.

## PORTO RICO.

*Report from San Juan.*

SAN JUAN, P. R., July 22, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health

reports for the week ended July 19, 1902. During the week 3 vessels were inspected and held in quarantine, as follows: French steamship *Salvador*, on the 17th, from Port au Prince, Jeremie, Les Cayes, Jacmel, Santo Domingo, and Mayaguez; 17 pieces of baggage and 2 sacks of mail from Haiti and Santo Domingo were disinfected and 16 pieces inspected and passed. The Cuban steamship *Julia*, on the 18th, from Havana, Nuevitas, Gibara, Baracoa, Santiago, Santo Domingo, and Macoris; 69 pieces of baggage and 2 sacks of mail from Santo Domingo were disinfected and 32 pieces, principally from Cuba, were inspected and passed. The Spanish steamship *Montserrat* on the 19th, from Havana, Port Limon, Colon, Sabanilla, Puerto Cabello, and La Guaira; 12 pieces of baggage from Port Limon and 1 sack of mail were disinfected, and 11 passengers for this port permitted to land, being considered immune. Four bills of health were issued during the week. Nothing of interest in sanitary or quarantine lines has occurred.

Respectfully,

FERNANDO ALEMAN,

*Acting Assistant Surgeon, In Temporary Charge.*

The SURGEON-GENERAL.

*Inspection of immigrants at San Juan and subports for the week ended July 19, 1902.*

SAN JUAN, P. R., July 22, 1902.

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended July 19, 1902:

Date.	Vessel.	Where from.	No. of immigrants.
July 16	American steamship Caracas.....	Puerto Cabello, Curacao, La Guaira. ....	1
July 17	French steamship Olinde Rodrigues..	Haitian and Dominican ports.....	17
July 19	Cuban steamship Julia.....	Cuban and Dominican ports.....	12
	Total .....	.....	30

Respectfully,

H. S. MATHEWSON,

*Passed Assistant Surgeon,*

*Chief Quarantine Officer for Porto Rico.*

The SURGEON-GENERAL.

*Inspection of immigrants at Ponce and subports for the week ended July 19, 1902.*

PONCE, P. R., July 21, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I submit herewith report of alien steerage passengers arriving at this port during the week ended July 19, 1902:

Date.	Vessel.	Where from.	No. of immigrants.
.....	French steamship Salvador.....	Port au Prince and Santo Domingo.....	17
.....	Cuban steamship Julia.....	Havana and Santo Domingo .....	11
.....	Spanish steamship Monserrat.....	Havana, Port Limon, Colon, Sabanilla, Puerto Cabello, La Guaira. ....	11
	Total .....	.....	39

Respectfully,

FERDINAND ALEMAN,

*Acting Assistant Surgeon, In Temporary Charge.*

The SURGEON-GENERAL.



SAN JUAN, P. R., *July 22, 1902.*

SIR: I submit herewith report of alien steerage passengers arriving during the week ended July 19, 1902, at the subports of Porto Rico.

*Mayaguez.*—July 16, French steamship *Salvador*, from Haitian and Dominican ports, with 5 immigrants. Other subports, no transactions.

Respectfully,

H. S. MATHEWSON,

*Passed Assistant Surgeon,*

*Chief Quarantine Officer for Porto Rico.*

The SURGEON-GENERAL.

RUSSIA.

*Two cases of plague in Odessa.*

ODESSA RUSSIA, *July 10, 1902.*

SIR: I have the honor to report that I cabled this day as follows:

HAY, *Secretary of State, Washington, D. C.*: Plague.—HEENAN.

On June 30 I heard a rumor that plague existed in this city. I investigated the matter with the following result: About the middle of June a man residing in the central part of the city was taken ill at his home and was thence removed to the town hospital. At the time no special attention was paid to the case, and it was regarded as an ordinary case of bubo. There was no fever for several days and the patient remained in the ward with other patients who were suffering from non-infectious and noncontagious diseases. A sudden rise of temperature, with marked lung symptoms, caused alarm and the patient was at once isolated. Subsequent bacteriological investigations showed the case to be one of pneumonic plague. The man is still in hospital, but has recovered from the disease. No official announcement of the existence of plague has been made. As there was but 1 case, and that was not officially notified to be a case of plague, I refrained from telegraphing to the Department. My colleagues here adopted the same course, as it seemed unfriendly to do otherwise under the circumstances. It would, of course, be difficult to prove the case to be one of plague should the authorities deny it. I determined however, should a second case occur, to telegraph the Department. The second case has occurred and the particulars are as follows: A man was taken ill at his home near the old cemetery on or about July 1, and three days later was taken to the Jewish hospital, where he remained till last night, when he was removed to the town hospital and found to be suffering from bubonic plague. During his stay in the Jewish hospital the disease was not suspected, nor was any written record kept of his case. This is all the information in my possession at the present time. There is no official announcement as yet that the plague exists in the city. The serious part of the matter is the fact that both of these cases of plague occurred among residents of the city, and were not brought in from the outside. As far as could be ascertained, there was no connection between the two cases, nor were the men known to each other, though their places of residence were not a great distance apart. Ever since plague existed here in 1901, the specialists at the bacteriological station have been experimenting on rats captured or trapped at different localities throughout the city. These experiments showed that an occasional rat was contaminated with elements of plague, because other animals inoculated with the cultures taken from the rat developed well-marked symptoms of

plague and all of those inoculated died. Many dead rats were found throughout the city and cases of plague in animals were developed from some of these, though from how many could not be ascertained.

Respectfully,

THOS. E. HEENAN,  
United States Consul.

The ASSISTANT SECRETARY OF STATE.

*Foreign and insular statistical reports of countries and cities—Yearly and monthly.*

BRITISH COLUMBIA—*Victoria*.—Month of June, 1902. Estimated population, 21,000. Total number of deaths, 25, including 3 from tuberculosis.

BRITISH GUIANA—*Demerara*.—Month of May, 1902. Estimated population, 36,567. Total number of deaths, 125, including 12 from tuberculosis.

DUTCH GUIANA—*Paramaribo*.—Month of June, 1902. Estimated population, 31,626. Total number of deaths, 85. No contagious diseases.

FRANCE—*Marseille*.—Month of June, 1902. Estimated population, 491,161. Total number of deaths, 826, including diphtheria, 6; enteric fever, 21; measles, 3; scarlet fever, 3; whooping cough, 6, and 6 from smallpox.

*Rouen*.—Month of June, 1902. Estimated population, 116,316. Total number of deaths, 219, including diphtheria, 2; measles, 1; scarlet fever, 1; whooping cough, 3; smallpox, 1, and 50 from tuberculosis.

GERMANY—*Dresden*.—Month of May, 1902. Estimated population, 403,400. Total number of deaths, 630, including diphtheria, 7; enteric fever, 1; scarlet fever, 1; whooping cough, 9, and 98 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended July 12, 1902, correspond to an annual rate of 14.5 per 1,000 of the aggregate population, which is estimated at 14,862,456.

*Bradford*.—Two weeks ended July 12, 1902. Estimated population, 281,770. Total number of deaths, 146, including diphtheria, 1; measles, 2; scarlet fever, 3; whooping cough, 1, and 15 from tuberculosis.

*London*.—One thousand two hundred and eighty deaths were registered during the week, including measles, 37; scarlet fever, 6; diphtheria, 15; whooping cough, 47; enteric fever, 16; smallpox, 13, and diarrhea and dysentery, 42. The deaths from all causes correspond to an annual rate of 14.6 per 1,000. In Greater London 1,693 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria, 10 from measles, 1 from scarlet fever, 3 from smallpox, and 3 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended July 12, 1902, in the 21 principal town districts of Ireland was 16.6 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Tralee,

viz, 0.0, and the highest in Newtownards, viz, 28.6 per 1,000. In Dublin and suburbs 129 deaths were registered, including diphtheria, 1; enteric fever, 4; measles, 6; whooping cough, 2, and 20 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended July 12, 1902, correspond to an annual rate of 16.2 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Aberdeen, viz, 13.5, and the highest in Paisley, viz, 19.2 per 1,000. The aggregate number of deaths registered from all causes was 523, including diphtheria, 3; measles, 22; scarlet fever, 2, and 14 from whooping cough.

*ST. HELENA.*—Two weeks ended June 13, 1902. Estimated population, including military and prisoners of war, 12,000. Total number of deaths, 12, including 3 from enteric fever.

Two weeks ended June 28, 1902. Total number of deaths, 13, including enteric fever, 3, and 2 from tuberculosis.

*SPAIN—Malaga.*—Month of June, 1902. Estimated population, 130,109. Total number of deaths, 404, including enteric fever, 7, and 14 from smallpox.

*Valencia.*—Two weeks ended July 15, 1902. Estimated population, 204,000. Total number of deaths, 206, including enteric fever, 5, and 1 from smallpox.

*SWITZERLAND.*—Reports for the two weeks ended June 28, 1902, from 18 cities and towns having an aggregate estimated population of 770,000, show a total of 518 deaths, including diphtheria, 5; enteric fever, 2; measles, 9; scarlet fever, 3; whooping cough, 4, and 82 from phthisis pulmonalis.

*Cholera, yellow fever, plague, and smallpox, June 28, 1902, to August 8, 1902.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from United States consuls through the Department of State and other sources.]

[For reports received from December 28, 1901, to June 27, 1902, see PUBLIC HEALTH REPORTS for June 27, 1902.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy .....	May 31-June 21	195		Estimated.
Canton .....	May 9			Abating.
Chinkiang .....	June 24			Present.
Choanchoo .....	June 5			Do.
Fatshan .....	May 9			Epidemic.
Hangchow .....	June 24			Present.
Hongkong .....	To June 21	360	316	
Kiangyin .....	June 24			Do.
Kweilam .....	To June 12		10,000	
Macao .....	May 31			Do.
Niuchwang .....	June 22-June 28	121	126	
	To June 28	330	271	
Peking .....	June 7		1	Imported.
Pinglo .....	To June 12		3,000	
Shanghai .....	May 1-May 31	20		
Soochow .....	June 24			Do.
Tangku .....	June 6			Epidemic.
Tientsin .....	June 7-June 21	581	401	
Wusieh .....	June 24			Present.
Hawaiian Islands:				
Honolulu .....	July 30		1	
India:				
Bombay .....	May 27-June 24		6	
Calcutta .....	May 24-June 28		212	
Karachi .....	May 25-June 22	157	127	
Japan:				
Ehime Ken. ....	July 5	1		
Formosa .....	June 1-July 3	11	5	
	Jan. 1-July 3	1,987	1,516	
Fukuoka Ken. ....	July 3-July 5	49	7	
Karatsu .....	To June 22	41	21	
Mogi .....	July 22			Reported.
Nagasaki Ken. ....	June 15-July 5	5	4	
Saga Ken. ....	June 16-July 3	129	50	
Shizuoka Ken. ....	July 5	1		
Tokio Pu. ....	June 1-July 3	15	12	
Tokushima Ken. ....	July 4	1		
Java:				
Batavia .....	June 8-June 21	63	49	
Philippine Islands:				
Manila .....	May 10-June 7	368	304	
Provinces .....	do	1,822	1,278	
Straits Settlements:				
Singapore .....	Apr. 26-June 7		327	

## YELLOW FEVER.

Brazil:				
Bahia .....	June 7-June 14	2		
Pernambuco .....	June 16-June 30		1	
Colombia:				
Panama .....	July 1-July 21	11	3	
Costa Rica:				
Port Limon .....	July 4-July 24	4	1	
Cuba:				
Gibara .....	July 16		1	
Mexico:				
Alvarado .....	July 7			Epidemic.
City of Mexico .....	June 1-June 8		1	
Coatzacoalcos .....	June 14-July 12	24	8	
Cordoba .....	July 7			Present.
Merida .....	July 7	1		
Vera Cruz .....	June 7-July 26	121	61	

*Cholera, yellow fever, etc.—Continued.*

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Australia:</b>				
Brisbane .....	Feb. 1-Mar. 31	29	8	
<b>Brazil:</b>				
Pernambuco .....	April 15-June 30		104	
<b>China:</b>				
Canton .....	May 10			Decreasing.
Chiangchow .....	June 5			Present.
Choanchow .....	do.			Do.
Honam .....	do.			Epidemic.
Hongkong .....	May 10-June 21		252	
<b>Egypt:</b>				
Alexandria .....	Apr. 14-July 9	38	21	
Assiout Province .....	June 18	1		
Dakhalieh Province .....	Apr. 14-June 18	9	4	
Galioubieh Province .....	May 2-July 9	37	20	
Garbieh Province .....	June 3	1		
Keneh Province .....	May 11-June 25	56	38	
Menoufieh .....	May 7-June 25	29	15	
Minieh .....	Apr. 26-June 25	27	15	
<b>France:</b>				
Dunkirk .....	June 11-June 13			Two deaths on ss. City of Perth from Calcutta, etc.
<b>India:</b>				
<b>Bombay Presidency and Sind:</b>				
<b>Northern Division—</b>				
Ahmedabad City .....	Apr. 26-June 21	0	0	
Bandra Port .....	June 7-June 21	1	1	
Bassein .....	do.	1	1	
Bombay City .....	Apr. 26-June 21		2,209	
Broach District .....	do.	42	33	
Bulsar Port .....	May 24-June 21	10	7	
Kaira District .....	Apr. 26-June 21	49	54	
Mahim .....	June 7-June 21	1	1	
Panch Mahals District .....	Apr. 26-June 21	42	40	
Rewakantha State .....	do.	7	2	
Surat District, Port, and Town .....	do.	58	45	
Thana District .....	do.	54	34	
Utan .....	May 17-June 21	5	4	
<b>Central Division—</b>				
Ahmednagar District .....	Apr. 26-June 21	0	0	
Khandesh District .....	do.	49	42	
Nasik District .....	do.	75	44	
Poonah District and City .....	do.	7	5	
Satara District .....	do.	467	302	
Sholapur District and Town .....	do.	21	19	
<b>Southern Division—</b>				
Belgaum District .....	do.	398	311	
Dharwar District .....	do.	293	167	
Hyderabad Town and District .....	do.	26	27	
Hubli Town .....	do.	0	0	
Kanara District .....	do.	9	6	
Kolaba District .....	do.	13	15	
Ratnagiri District and port .....	do.		11	
Revdanda .....	May 24-June 21	7	2	
Karachi City, District, and port .....	Apr. 26-June 21	314	258	
<b>Political Charges—</b>				
Aundh State .....	do.	45	40	
Baroda State .....	do.	114	86	
Cutch State .....	do.	121	98	
Janjira State and port .....	May 24-June 21	2	2	
Kodinar Port .....	June 7-June 21	2	1	
Kathiawar State .....	Apr. 26-June 21	533	248	
Kolhapur and Southern Mahratta Country .....	do.	250	154	
Mandvi port .....	May 24-June 21		38	
Porbander port .....	do.	15	9	
Sachin State .....	Apr. 26-June 21	16	12	
Savanur State .....	do.	0	0	
Veraval .....	May 24-June 21		13	
<b>Outside Bombay Presidency and Sind—</b>				
Madras Presidency .....	Apr. 26-June 21	140	120	
<b>Bengal—</b>				
Bhagalpur .....	do.	184	167	
Burdwan Division .....	do.	111	98	

*Cholera, yellow fever, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<i>India—Continued.</i>				
<i>Outside Bombay Presidency and Sind—Continued.</i>				
<i>Bengal—Continued.</i>				
Calcutta.....	Apr. 26-June 21	1,342	1,346	
Chota Nagpur Division.....	.....do.....	0	0	
Orissa.....	.....do.....	9	9	
Patna, District and city.....	.....do.....	1,286	931	
<i>Northwest Province and Oudh—</i>				
Allahabad Division.....	.....do.....	401	334	
Benares Division.....	.....do.....	292	290	
Gorakhpur.....	May 24-June 21	24	21	
Meerut.....	.....do.....		5	
<i>Punjab—</i>				
Delhi Division.....	Apr. 26-June 21	9,881	7,354	
Jullunder Division.....	.....do.....	8,441	5,483	
Lahore Division.....	.....do.....	14,663	8,846	
Rawalpindi Division.....	.....do.....	10,339	7,604	
<i>Mysore State—</i>				
Bangalore City, District, and Military Station.....	.....do.....	274	175	
Chitaldrug District.....	.....do.....	0	0	
Hasan District.....	.....do.....	26	23	
Kadur District.....	.....do.....	0	0	
Kolar District and Gold Fields.....	.....do.....	37	29	
Mysore City and District.....	.....do.....	663	407	
Shimoga District.....	.....do.....	83	53	
Tumkur District.....	.....do.....	0	0	
Hyderabad State.....	.....do.....	40	25	
Berar State, Akola District.....	.....do.....	19	18	One case imported.
Rajpoota State.....	June 7-June 21	1	1	
<i>Kashmir—</i>				
Jammu Province.....	Apr. 26-June 21	487	370	
<i>Japan:</i>				
Formosa.....	May 1-May 31	332	225	
<i>Madagascar:</i>				
Majunga.....	May 26.....	9	4	
<i>Russia:</i>				
Odessa.....	July 10.....			Present.
<i>Turkey:</i>				
Pera.....	July 5.....			Declared.

## SMALLPOX.

Argentina:				
Buenos Ayres.....	May 1-May 31		10	
<i>Austria-Hungary:</i>				
Prague.....	May 26-July 12	23		
<i>Belgium:</i>				
Antwerp.....	May 26-June 28	13	7	
<i>Brazil:</i>				
Pernambuco.....	May 17-June 30		49	
<i>Canada:</i>				
Quebec.....	June 7-June 14	8	1	
St. John.....	July 13-July 26	2		One case imported.
Winnipeg.....	June 7-June 28	3		
<i>Ceylon:</i>				
Colombo.....	June 14-June 21		1	
<i>China:</i>				
Hongkong.....	Apr. 26-June 21	12	8	
<i>Colombia:</i>				
Cartagena.....	June 1-July 13		3	
Panama.....	June 1-July 21	12		
<i>Egypt:</i>				
Cairo.....	June 25-July 1		1	
<i>England:</i>				
Birmingham.....	May 31-July 19	33	1	
Liverpool.....	.....do.....	24	1	
London.....	.....do.....	609	123	
Newcastle-on-Tyne.....	May 31-July 5	1		
South Shields.....	.....do.....	6	1	
Sunderland.....	June 7-June 28	2		



*Cholera, yellow fever, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Marseille.....	June 1-June 30	.....	6	
Paris.....	June 7-July 12	.....	4	
Greece:				
Athens.....	June 29-July 5	1	.....	
India:				
Bombay.....	May 13-July 1	.....	53	
Calcutta.....	May 10-June 28	.....	14	
Karachi.....	May 25-June 29	11	5	
Madras.....	May 10-June 27	.....	5	
Ireland:				
Belfast.....	June 7-June 14	.....	1	
Italy:				
Milan.....	May 1-May 31	17	2	
Naples.....	June 21-July 12	10	.....	
Palermo.....	May 24-July 12	66	9	
Japan:				
Formosa.....	May 1-May 31	73	3	
Yokohama.....	May 31-June 7	1	.....	
Malta:				
Valletta.....	June 22-June 28	1	.....	
Mexico:				
City of Mexico.....	June 1-July 20	.....	6	
Vera Cruz.....	June 7-July 12	3	3	
Netherlands:				
Rotterdam.....	June 14-June 28	1	.....	
Philippine Islands:				
Manila.....	Apr. 26-May 3	6	2	
Porto Rico:				
Arecibo.....	Feb. 1-June 15	381	1	
Bayamon.....	.....do.....	3	.....	
Caguas.....	.....do.....	71	.....	
Camuy.....	.....do.....	121	.....	
Ciales.....	.....do.....	6	.....	
Corozal.....	.....do.....	2	.....	
Fajardo.....	.....do.....	1	.....	
Hatillo.....	.....do.....	5	.....	
Humacao.....	.....do.....	1	.....	
Isabela.....	.....do.....	9	.....	
Lares.....	.....do.....	3	.....	
Ponce.....	.....do.....	128	.....	
San Juan.....	.....do.....	110	.....	
Utua.....	.....do.....	79	.....	
Russia:				
Moscow.....	May 31-July 5	50	18	
Odessa.....	May 24-July 12	32	4	
St. Petersburg.....	.....do.....	65	7	
Warsaw.....	May 18-July 5	.....	8	
Scotland:				
Dundee.....	July 6-July 12	6	.....	
Glasgow.....	June 13-July 11	4	.....	
Spain:				
Corunna.....	June 29-July 5	.....	1	
Malaga.....	May 1-May 31	.....	8	
Valencia.....	June 1-June 15	.....	1	
Straits Settlements:				
Singapore.....	May 3-June 7	.....	4	
Switzerland:				
Geneva.....	May 31-July 5	3	.....	
Turkey:				
Smyrna.....	June 16-June 22	.....	1	
Uruguay:				
Montevideo.....	June 5-June 26	142	12	





## Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Nottingham .....	July 12	239,753	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nuremberg .....	July 5	268,190	123	15	.....	.....	.....	.....	.....	.....	2	1	1
Osaka and Hiogo .....	June 21	263,464	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 28	263,464	91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Panama.....	July 21	20,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paris .....	July 5	2,660,559	894	.....	.....	.....	.....	.....	.....	6	5	26	14
Do.....	July 12	2,660,559	822	.....	.....	.....	.....	1	.....	.....	2	11	21
Plymouth.....	do.....	106,000	34	2	.....	.....	.....	.....	.....	.....	.....	5	6
Puerto Cortez .....	July 17	2,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 24	2,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Georges, Bermuda.....	July 12	2,189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 19	2,189	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. John, New Brunswick.....	July 26	40,711	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg .....	July 5	1,248,643	715	89	.....	.....	.....	.....	.....	16	12	12	19
St. Stephen, New Brunswick.....	July 26	2,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz, Teneriffe .....	June 14	36,500	15	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 28	36,500	12	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 5	36,500	11	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Santander.....	July 14	53,574	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Singapore.....	May 24	91,777	405	10	.....	79	.....	1	.....	.....	.....	.....	.....
Do.....	June 7	91,777	352	36	.....	57	.....	1	.....	.....	.....	.....	.....
South Shields.....	July 12	103,308	36	3	.....	.....	.....	.....	.....	.....	.....	.....	3
Stockholm .....	June 28	211,000	71	17	.....	.....	.....	.....	.....	.....	.....	.....	1
Southampton .....	July 12	107,833	22	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Sunderland .....	do.....	148,907	56	4	.....	.....	.....	.....	.....	.....	.....	1	3
Trieste .....	July 5	181,913	77	.....	.....	.....	.....	.....	1	.....	1	1	.....
Do.....	July 12	181,913	75	.....	.....	.....	.....	.....	.....	.....	1	2	.....
Tuxpam .....	July 14	13,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 21	13,000	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	July 19	32,000	33	5	.....	.....	4	.....	.....	.....	.....	.....	.....
Warsaw.....	June 28	736,625	262	.....	.....	.....	.....	2	1	1	6	5	1
Do.....	July 5	736,625	274	.....	.....	.....	.....	1	.....	1	8	7	2
Windsor, Nova Scotia .....	July 26	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yokohama .....	June 28	189,455	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
*Surgeon-General Public Health and Marine-Hospital Service.*